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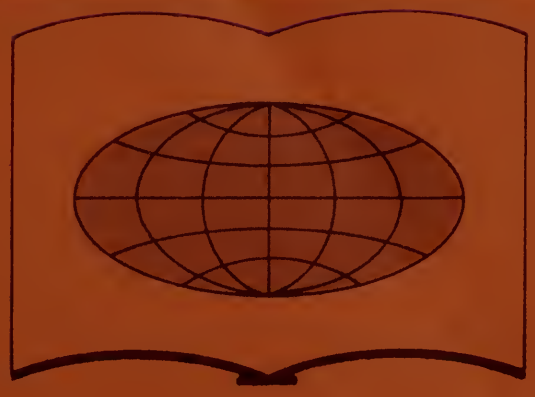

Volume 4 Number 9
APRIL 26, 1968

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These issues of the Pesticides Documentation Bulletin introduce a new computer generated current awareness service. Through the Pesticides Information Center's Update, Publication and Search (PICUPS) system, a categorized bibliographic citation file, accompanied by subject, author, organization and biographical indices will be issued bi-weekly.

All elements of the citations maintained in this mechanized file system are searchable by computer. In addition to the printed subject descriptors appearing in the Bulletin, other subject descriptors are incorporated in the tape file system as machine searchable but non-printable items. In the early issues some of these subject terms appear in the Bulletin as duplications. These duplications will be eliminated in later programs.

Since retrospective information was not previously published in searchable form, the next several issues of the Bulletin will contain selected coverage of pest control literature issued between 1960 and 1966. Additional retrospective material will be incorporated in future bulletins through the special bibliographies prepared by the Center. Current pest control literature will receive comprehensive coverage. Future expansion will include selected abstracts when such abstracts appear in the source document.

Recipients of this introductory issue are invited to send their comments and suggestions for its improvement to the U.S. Department of Agriculture, National Agricultural Library, Pesticides Information Center, 4112-Auditors Building, Washington, D. C. 20250. These comments together with computer produced statistical analyses will provide the bases for future changes.

Blanche L. Oliveri

Blanche L. Oliveri
Acting Director
National Agricultural Library

PESTICIDES DOCUMENTATION BULLETIN

A BI-WEEKLY PUBLICATION OF

U. S. DEPARTMENT OF AGRICULTURE

Volume 4 April 26, 1968 Number 9

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The Pesticides Documentation Bulletin is compiled by the Pesticides Information Center, the first of its kind to be established within a national library. It is a bi-weekly index to the literature on pests and their control and the impact on the economy and man's total environment. The index includes literature on diseases, insects, nematodes, parasites, weeds, and other pests affecting plants, animals, man, our natural resources, and other values in man's environment. Literature on biological, chemical, cultural ecological, mechanical, and integrated methods of pest control will be included. Special emphasis is given to the literature on the toxicological, physiological and epidemiological aspects of pests and their control by chemical and nonchemical methods.

For broader coverage of literature on agriculture and related subjects, please consult the Bibliography of Agriculture, a monthly publication of the National Agricultural Library.

FORMAT

The Bulletin is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

10 Entomology
20 Crop Protection
30 Livestock Protection
40 Commodity Protection
50 Environmental Contamination
55 Residues
60 Toxicology
65 Plant Physiology & Biochemistry
70 Chemistry
80 Engineering
90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

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10 ENTOMOLOGY

10457-68
LABORATORY REARING OF THE SOUTHWESTERN BORER, ZEADIATRAEA GRANDIOSELLA, ON A WHEAT GERM MEDIUM.
A J Keaster K Harendorf
J Econ Entomol 58(5):923-924
Oct 1965 421 J822
Culture media, Insect rearing, Wheat germ.

Systematics

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NEW INTRANASAL CHIGGERS OF THE GENUS MICROTROMBICULA FROM SOME BATS IN KOREA (ACARINA: TROMBICULIDAE).
H S Ah
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Bats, Korea, Trombiculidae.

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A P Arthur
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Insect behavior, Insect morphology, Parasitic insects, Rhyacionia.

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Insect dissemination, Sugarcane, Zeadiatraea.

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Dacus, Insect traps, Tephritidae.

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H A Highland
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D K M Kevan
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Apples, Spilonota.

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M D Levin G D Butler
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Apis mellifera, Bees, Pollination, Safflower.

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Amani, Tanganyika.

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Hibernation, Insect migration, New York, Soils.

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M J Lukefahr J A Griffin
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Apr 1962 421 J822
Biology, Cotton bolls, Pectinophora gossypiella.

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M J Lukefahr L W Noble J E Houghtaling

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Cotton, Heliothis, Heliothis zea.

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M R Mackay
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C E McCoy
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Ecology, Environment, Population statistics (insects).

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R E McLaughlin
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Anthonomus grandis, Insect rearing, Insect vectors, Microsporidian.

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Insect anatomy, Salivary glands (insects).

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W E Miller L F Wilson
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Insect identification, Pine tip moth, Pinus, Southeast United States.

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A J Musgrave R Homan
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Cacao, Insect identification, New guinea, Papua.

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B V Peterson
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Diptera, Insect morphology, Simuliidae.

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Ancylis comptana fragariae, Insect hosts, Ontario.

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J N Raybould
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Aug 1964 421 J822
African house fly, Insect population, Sampling (statistics).

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Can Entomol SUPPL. 13
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Canada, Insect identification, Insect morphology.

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SIZE OF NEW-BORN LARVAE OF CCCKROACHES INCUBATING EGGS INTERNAILY.
L M Roth W Hahn
J Insect Physiol 10(1):65-72, BIBL. 72
Feb 1964 421 J825
Insect morphology, Larvae.

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EPIZOCTIOLCGY OF TRYPANOSOMA CRUZI IN SOUTHWESTERN NORTH AMERICA. II. PLANT SUBSTANCES IN THE DIET OF WOOD RATS TESTED AS POSSIBLE INHIBITORS OF TRYPANOSOMA CRUZI (KINETOPLASTIDAITRYPANOSOMIDAE) (RODENTIAICRICETIDAE) (HEMIPTERAITRIATCMINAE).
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J Med Entomol 2(1):89-91
Apr 1965 421 J828
Cricetidae, Epizootic diseases, Hemiptera, Kinetoplastida, Mexicc, Ncrth America, Rodentia, Trypanosomidae.

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UNDERGRADUATE TRAINING IN ENTOMOLOGY AND OTHER SCIENCES FOR INSECT ECOLOGY.
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Entomolcgy, Insect ecology.

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J B Thomas
Can Entomol 96(11):1417-1420
Nov 1964 421 C16
Larvae, Pupae.

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J B Thomas J Krywienczyk
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Serolcgical tests.

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J Econ Entomol 58(3)584-585
Jun 1965 421 J822
Insect dissemination, Insect identification, Musca autumnalis.

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ON THE GENERIC STATUS OF TETRAGONEURIA AND EPICORDULIA (ODONATA: CORDULIIDAE).
E M Walker
Can Entomol 98(9):897-902
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Insect taxonomy, Odonata, Venation (insects)

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RHYACIONIA EGG PARASITISM BY TRICHOGRAMMA MINUTUM RILEY.
H O Yates III
J Econ Entomol 59(4):967-969
Aug 1966 421 J822
Insect eggs, Parasitism, Rhyacionia.

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FOUR NEW CHIGGERS (ACARINA: TROMBICULIDAE) FROM RODENTS OF THE EPIDEMIC AREA CF BOLIVIAN HEMORRHAGIC FEVER.
C E Yunker J M Brennan
J Med Entomol 1(2):192-195
01 Jul 1964 421 J828
Bolivia, Epidemic hemorrhagic fever, Rodents, Trombiculidae.

Physiology and Biochemistry

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STUDIES ON THE ERADICATION OF ANOPHELES PHAROENSIS THEOBALD BY THE STERILE-MALE TECHNIQUE USING COBALT-60.
I. BIOLOGICAL EFFECTS OF GAMMA RADIATION ON THE DIFFERENT DEVELOPMENTAL STAGES.
A A Abel-Malek A O Tantawy A M Wakid
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Jun 1966 421 J822
Anopheles, Biological control (insects), Cobalt-60, Irradiation, Sterility.

10529-68
LABORATORY STUDIES ON THE BEHAVIOR OF THE DOUGLAS-FIR BEETLE DENDRCCTONUS PSEUDOTSUGAE HOPKINS.
M D Atkins
Can Entomol 98(9):953-991, BIBL.989-991, TABS
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Dendroctonus pseudotsugae, Insect behavior.

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DIFFERENTIAL RESISTANCE OF CORN ROOTWORMS TO INSECTICIDES IN NEBRASKA AND ADJOINING STATES.
H J Ball G T Weekman
J Econ Entomol 56(5):553-555, TABS.
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Aldrin, Diazinon.

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GAMMA RADIATION AS A QUARANTINE TREATMENT FOR HAWAIIAN FRUIT FILES.
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Feb 1966 421 J822
Gamma rays, Hawaiian fruit fly, Quarantine treatments.

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F J Bartlett C S Lofgren
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Solenopsis.

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SUSCEPTIBILITY OF SCREW WORM LARVAE AND PREPUPAE TO DESSICATION.
A H Baumhover
J Econ Entomol 56(4):473-475
Aug 1963 421 J822
Cochliomyia, Drying, Insect rearing, Larvae, Prepupae.

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J L Bishop
J Econ Entomol 57(4):486-488
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Heptachlor.

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SUSCEPTIBILITY OF NORTHERN CORN ROOTWORM ADULTS TO ALDRIN IN OHIO.
B D Blair R H Davidson
J Econ Entomol 59(3):608-610
Jun 1966 421 J822
Adults, Aldrin, Diabrotica longicornis, Ohio.

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GROWTH, DEVELOPMENT, AND SURVIVAL OF CERTAIN LEPIDOPTERA FED GOSSYPOL IN THE DIET.
G T Bottger R Patana
J Econ Entomol 59(5):1166-1168
Oct 1966 421 J822
Diet.

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ROLE OF TEN DIETARY VITAMINS ON FECUNDITY OF THE PARASITOID EXERISTES COMSTOCKII (CRESSON) (HYMENOPTERA: ICHNEUMONIDAE).
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Can Entomol 98(9):918-922
Sep 1966 421 C16
Diet, Fertility, Parasitism, Vitamins.

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EFFECTS OF A NITROGEN-DEFICIENT HOST AND CROWDING ON THE CORN LEAF APHID.
T F Branson R G Simpson
J Econ Entomol 59(2):290-293
Apr 1966 421 J822
Alate aphidae, Nitrogen, Nitrogen deficiency, Plant hosts, Rhopalosiphum maidis, Sorghum.

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THE METABOLISM OF SOME CYCLODEINE INSECTICIDES IN RELATION TO DIELDRIN RESISTANCE IN THE ADULT HOUSEFLY, MUSCA DOMESTICA L.
G T Brooks A Harrison
J Insect Physiol 10(4):633-641
Aug 1964 421 J825
Cyclodeine, Dieldrin, Insect metabolism, Insecticide resistant insects.

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H D Burges
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Humidity, Insect diapause, Insect morphology, Temperature.

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EVALUATION OF THE INFLUENCE OF PREDATION ON CORN BORER POPULATIONS.
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Insect population, Iowa, Minnesota, Missouri, Nebraska, Ostrinia nubilalis.

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THE EFFECT OF HUMIDITY AND TEMPERATURE ON THE EXTENT OF ABDOMINAL PIGMENTATION IN GLOSSINA PALLIDIPES AUSTEN.
E Bursell
Bull Entomol Res 51(1):39-46
Apr 1960 421 B87
Abdominal bands, Humidity, Pigmentation, Temperature.

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FEMALE SEX PHEROMONE AS ATTRACTANT FOR MALE CODLING MOTHS.
E A Hutt D C Hathaway
J Econ Entomol 59(2):476-477
Apr 1966 421 J822
Carpocapsa pomonella, Pheromone, Sex attractants.

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EGG PRODUCTION OF THE TWO SPOTTED SPIDER MITE ON BEAN PLANTS SUPPLIED NUTRIENT SOLUTIONS CONTAINING VARIOUS CONCENTRATIONS OF IRON, MANGANESE, ZINC, AND COBALT.
W N Cannon L C Terriere
J Econ Entomol 59(1):89-93
Feb 1966 421 J822
Cobalt, Insect eggs, Insect nutrition, Iron, Manganese, Micronutrients, Tetranychus urticae, Zinc.

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FUMIGATION OF TRIBOLIUM CONFUSUM ADULTS WITH 80:20 (CCL4:C52) DURING CARBON-DIOXIDE OR NITROGEN-INDUCED RESPIRATION ELEVATION OR DEPRESSION.
S D Carlson
J Econ Entomol 59(4):870-872
Aug 1966 421 J822
Adults, Carbon dioxide, Fumigation, Insect respiration, Nitrogen.

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PEA APHID BEHAVIOR: COLOUR PREFERENCE ON A CHEMICAL DIET.
J J Cartier J L Auclair
Can Entomol 96(9):1240-1243
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Insect diets, Insect nutrition.

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METABOLISM IN VIVO OF C14-LABELLED PYRETHRIN I AND CINERIN I BY HOUSE FLIES WITH SPECIAL REFERENCE TO THE SYNERGYSTIC MECHANISM.
S C Chang C W Kearns
J Econ Entomol 57(3):397-404
Jun 1964 421 J822
Insect metabolism, Musca domestica, Pyrethrum, Radioactive tracers.

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STUDIES ON THE TRANSAMINASE REACTIONS IN THE LARVAL FAT BODY OF DROSOPHILA MELANOGASTER.
P S Chen C Hachmann-Diem
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Oct 1964 421 J825
Aminotransferases, Fat body, Larvae.

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OVERWINTERING CORN BORER, OSTRINIA NUBILALIS, LARVAE IN STORAGE CRIBS.
H C Chiang
J Econ Entomol 57(5):666-669
Oct 1964 421 J822
Hibernation, Ostrinia nubilalis, Stored products.

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STUDIES OF PREDATORS OF THE BALSAM WOOLLY APHID, ADELGES PICEA (RATZ.) (HOMOPTERA : ADELGIDAE). X1. CREMIFERANIA NIGROCELLULATA CZ. (DIPTERA : CHAMAEMYIIDAE), AN INTRODUCED PREDATOR IN EASTERN CANADA.
R C Clark N B Brown
Can Entomol 94(11):1171-1175, 2 REFS.
Nov 1962 421 C16
Adelges, Cremifania, Predaceous insects.

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EFFECTS OF POSTSEASON APPLICATIONS OF INSECTICIDES, DEFOLIANTS, AND DESICCANTS ON DIAPAUSING BOLL WEEVILS.
T C Cleveland G L Smith
J Econ Entomol 57(4):527-529
Aug 1964 421 J822
Anthonomus grandis, Defoliants, Hibernation, Insecticides.

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CONTROL OF THE BOLL WEEVIL ON COTTON WITH ULTRA-LOW-VOLUME (UNDILUTED) TECHNICAL MALATHION.
T C Cleveland W P Scott T B Davich C R Parencia Jr
J Econ Entomol 59(4):973-976, TABS.
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Anthonomus grandis, Cotton, Ddt, Malathion, Malathion, Musca domestica, Poultry.

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DETERMINATION OF BUTOXYETHANOL ESTER OF 2,4-DICHLOROPHENOXYACETIC ACID IN SHELLFISH AND FISH.
J E Coakley J E Campbell E F McFarren
J Agr Food Chem 12(3):262-265
May 1964 381 J8223
Chromic oxide, Colorimetry, Esters, Fish, Insect digestion, Phytophagous insects, Shellfish, 2,4-d.

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MATING BEHAVIOR OF THE FEMALE BOLL WEEVIL.
W H Cross H C Mitchell
J Econ Entomol 59(6):1503-1507
Dec 1966 421 J822
Anthonomus grandis, Sex behavior.

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SEXUAL STERILIZATION OF SCREW WORM FLIES BY A PERORAL CHEMOSTERILANT. QUANTITATIVE ASPECTS AND RELATION TO PRETREATMENT STARVATION.
M M Crystal
J Econ Entomol 59(3):580-585
Jun 1966 421 J822
Chemosterilants, Peroral, Pretreatment, Screw-worm flies, Sex, Starvation, Sterilization.

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A STUDY OF CARBOHYDRATE AND LIPID NUTRITION IN THE WAX MOTH, GALLERIA MELONELLA (L.) USING PARTIALLY SYNTHETIC DIETS.
R H Dadd
J Insect Physiol 10(2):161-178, BIBL. 177-178, TABS.
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Carbohydrates, Insect nutrition, Lipids.

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THE ERADICATION OF GLOSSINA MORSITANS SUBMORSITANS NEWST. AND GLOSSINA TACHINOIDES WEST. IN PART OF A RIVER FLOOD PLAIN IN NORTHERN NIGERIA BY CHEMICAL MEANS. PART III.
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Chemical control (insects), Northern nigeria.

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N. T. Davis
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Cimicidae, Fertility, Hemiptera, Insect physiology, Oogenesis, Sex attractants.

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Agr Chem 15(1):30-33, 93
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Biological control, Microbial insecticides.

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J Econ Entomol 57(1):170-172, PL.
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Insect behavior, Scolytus.

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FIELD TESTS WITH NEWER MATERIALS AGAINST THE GYPSY MOTH.
C C Dean
J Econ Entomol 59(3):618-620
Jun 1966 421 J822
Porthetria dispar, Thuricide.

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THE FATE OF CYCLODIENE INSECTICIDES ADMINISTERED TO SUSCEPTIBLE AND RESISTANT HOUSEFLIES.
N W Earle
J Agr Food Chem 11(4):281-285, BIBL. 285, TABS.
Jul 1963 381 J8223
Cyclodiene, Dieldrin, Insecticide resistant insects, Musca domestica, Strobane.

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TEXAS LEAF-CUTTING ANT CONTROLLED WITH PELLETED MIREX BAIT.
H W Echols
J Econ Entomol 59(3):628-631
Jun 1966 421 J822
Atta texana, Mirex, Pelleted bait.

10564-68
SUPPRESSION OF THE REPRODUCTIVE POTENTIAL OF THE POTATO TUBERWORM, GNORIMOSCHEMA OPERCULELLA BY GAMMA RADIATION.
E Elbadry
J Econ Entomol 57(3):414-415
Jun 1964 421 J822
Gamma rays, Phthorimaea, Reproduction.

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RADIATION STUDIES WITH THE BOLL WEEVIL: LETHAL EFFECTS ON LARVAE, PUPAE, AND ADULTS; MALE STERILITY AND DOSE FRACTIONATION.
H M Flint W R Bibow C K Lahren
J Econ Entomol 59(5):1249-1255
Oct 1966 421 J822
Anthonomus grandis, Dose fractionation, Larvae, Mortality, Pupae, Radiation, Sterility.

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EFFECT OF SELECTION ON CROSS RESISTANCE IN DIAZINON-RESISTANT MUSCA DOMESTICA.
A J Forgash E J Hansens
J Econ Entomol 55(5):679-682
Oct 1962 421 J822
Diazinon, Insecticide resistant insects, Musca domestica.

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LABORATORY STUDIES WITH WARF ANTI-RESISTANT ON HOUSE FLIES.
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J Econ Entomol 57(5):644-645
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Diazinon, Warf antiresistant.

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A J Forgash B J Cook R C Riley
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Diazinon.

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THE ABSORPTION, METABOLISM, AND EXCRETION OF C14-LABELED TDE IN CERTAIN INSECTS.
P E Gatterdam R K De F E Guthrie T G Bowery
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Apr 1964 421 J822
Absorption, Excreta, Insect metabolism, Radioactive tracers, Tde.

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THE CHEMOSTERILANT ACTIVITY OF SOME SUBSTITUTED PHENYL ESTERS OF AZIRIDINE-1-CARBOXYLIC ACID.
Q A Geering P J Brooker J H Parsons
J Econ Entomol 58(3):574-575
Jun 1965 421 J822
Aziripine-1-carboxylic acid, Chemosterilants, Esters, Ethylenimine.

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A SEX ATTRACTANT IN THE TOBACCO BUDWORM.
C R Gentry F R Lawson J D Hoffman
J Econ Entomol 57(6):819-821
Dec 1964 421 J822
Heliothis, Sex attractants.

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AN ANALYSIS OF HOUSE FLY RESISTANCE TO INSECTICIDES IN CALIFORNIA.
G P Georghiou W R Bowen
J Econ Entomol 59(1):204-214
Feb 1966 421 J822
California, Diazinon, Dieldrin, Dimetilan, Insecticide resistant insects, Insecticides, Malathion, Musca domestica.

10573-68
EFFECTS ON EGG HATCH OF ALTERNATE MATINGS OF FEMALE BOLL WEEVILS WITH APHOLATE-TREATED AND UNTREATED MALES.
F R Gilliland Jr T B Davich
J Econ Entomol 59(5):1209-1211
Oct 1966 421 J822
Anthonomus grandis, Apholate, Insect eggs, Sterility.

10574-68
CONTINUOUS REARING OF THE RED-BANDED LEAF ROLLER, ARGYROTAENIA VELUTINANA.
E H Glass G E R Hervey
J Econ Entomol 55(3):336-340, PL.
Jun 1962 421 J822
Argyrotaenia velutinana, Greenhouse culture, Insect rearing, Larvae.

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RESISTANCE TO SOME CHLORINATED HYDROCARBON INSECTICIDES IN THE BOLLWORM, HELIOTHIS ZEA.
J B Graves J B Roussel J R Phillips
J Econ Entomol 56(4):442-444, TABS
Aug 1963 421 J822
Endrin, Heliothis zea, Hydrocarbons, Insecticide resistant insects, Insecticides.

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PREDATION ON CICINDELA BY A DRAGONFLY.
R C Graves
Can Entomol 94(11):1231, 4 REFS.
Nov 1962 421 C16
Aeshna, Cicindela, Parasitism, Spongostylum.

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RESISTANCE TO THREE ORGANOPHOSPHORUS INSECTICIDES IN STRAINS OF THE GERMAN COCKROACH FROM TEXAS.
J McD Grayson
J Econ Entomol 58(5):956-958
Oct 1965 421 J822
Diazinon, Fenthion, Insecticides, Malathion, Texas.

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FURTHER SELECTION OF NORMAL AND CHLORDANE-RESISTANT GERMAN COCKROACHES FOR RESISTANCE TO MALATHION AND DIAZINON.
J McD Grayson
J Econ Entomol 56(4):447-449, TABS.
Aug 1963 421 J822
Blattella germanica, Chlordane, Diazinon, Insecticide resistant insects, Malathion.

10579-68
LD50'S FOR ALDRIN AGAINST RESISTANT LARVAE AND ADULTS OF WESTERN CORN ROOTWORM.
E W Hamilton
J Econ Entomol 59(2):473-474
Apr 1966 421 J822
Aldrin.

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FIELD STUDIES OF HOUSE FLY RESISTANCE TO DIAZINON, RONNEL, AND OTHER INSECTICIDES.
E J Hansens A P Morris
J Econ Entomol 55(5):702-708, TABS

Oct 1962 421 J822
Diazinon.

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SUSCEPTIBILITY OF SEED MAGGOT FLIES, HYLEMYA SPP., TO CONTACT APPLICATIONS OF ALDRIN, DDT, AND DIAZINON.
C R Harris H J Svec J H Mazurek
J Econ Entomol 56(5):563-565
Oct 1963 421 J822
Aldrin, Diazinon.

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CROSS-RESISTANCE SHOWN BY ALDRIN-RESISTANT SEED MAGGOT FLIES, HYLEMYA SPP., TO OTHER CYCLODIENE INSECTICIDES AND RELATED MATERIALS.
C R Harris J H Mazurek H J Svec
J Econ Entomol 57(5):702-705, TABS.
Oct 1964 421 J822
Aldrin.

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MORE EFFICIENT THAN KILLING.
W J Hayes Jr
Agr Chem 20(10):34
Oct 1965 381 AG8
Aminopterin, Apholate, Chemosterilants, Fluoroorotic acid, CB 1506, Metepa, Methotrexate, Morzid, Tepa, Thiouracil, Tretamine.

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ON THE TAXONOMY OF CERTAIN ENTOMOGENOUS CRYSTALLIFEROUS BACTERIA.
A M Heimpel T A Angus
J Invertebrate Pathol 2(4):333-319
1960 421 J826
Bacteria, Bacteria taxonomy, Crystalliferous bacteria, Taxonomy.

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CHROMOGEN-RATIO METHOD FOR DETERMINING DIGESTIBILITY OF PLANTS BY GRASSHOPPERS.
E A Heinriches K P Pruess
J Econ Entomol 59(3):550-562
Jun 1966 421 J822
Chromogen-ratio, Digestion, Grasshoppers, Plants.

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EFFECT OF HOST PLANT NUTRITION ON SUSCEPTIBILITY TO MALATHION OF TWO STRAINS OF TWO-SPOTTED SPIDER MITES.
T J Henneberry
J Econ Entomol 57(5):674-676
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Plant nutrition.

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THE EFFECT OF HOST PLANT NITROGEN SUPPLY AND AGE OF LEAF TISSUE ON THE FECUNDITY OF THE TWO-SPOTTED SPIDER MITE.
T J Henneberry
J Econ Entomol 55(5):799-800
Oct 1962 421 J822
Fertility, Leaves, Nitrogen, Plant hosts, Tetranychus urticae, Tissues.

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EFFECTS OF GAMMA RADIATION ON THE FERTILITY AND LONGEVITY OF DROSOPHILA MELANOGASTER.
T J Henneberry
J Econ Entomol 56(3):279-281
Jun 1963 421 J822
Fertility, Gamma rays, Irradiation, Longevity.

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THE ENDOCRINE SYSTEMS OF ISOLATED AND CROWDED LOCUSTA AND SCHISTOCERCA IN RELATION TO OOCYTE GROWTH, AND THE EFFECTS OF FLYING UPON MATURATION.
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J Insect Physiol 10(6):849-864, BIBL. 862-864
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Insect flight, Insect morphology, Oogenesis.

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DIELDRIN-RESISTANT AND DDT-RESISTANT STRAINS OF THE SPOTTED ROOT MAGGOT APPARENTLY RESTRICTED TO HETEROZYGOTES FOR RESISTANCE.
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J Econ Entomol 58(5):824-830
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Dieldrin, DDT, Maggots, Spotted-root maggot.

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CHEMICAL CONTROL OF HYLEMYA BRASSICAE IN THE PACIFIC NORTHWEST.
A J Howitt S G Cole
J Econ Entomol 55(1):33-38, TABS.
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Hylemya.

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FIELD EXPERIMENTS WITH BACILLUS THURINGIENSIS AND CHEMICAL INSECTICIDES FOR THE CONTROL OF THE EUROPEAN CORN BORER, OSTRINIA NUBILALIS, ON SWEET CORN IN SOUTHWESTERN QUEBEC.
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J Econ Entomol 55(1):115-117
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Bacillus thuringiensis, Ostrinia.

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ROLE OF CELLULOLYTIC ENZYMES IN PATHOGENESIS BY FUSARIUM OXYSPORIUM F. LYCOPERSICI.
A Husain A E Dimond
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May 1960 464.8 P56
Enzymes, Fusarium, Fusarium oxysporium, Pathogenesis.

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RESISTANCE OF A HAWAIIAN STRAIN OF THE GERMAN COCKROACH TO SEVERAL INSECTICIDES.
T Ishii M Sherman
J Econ Entomol 58(1):46-50
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Blattella germanica, Insecticide resistant insects, Insecticides.

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RELATIONSHIP BETWEEN PROTEIN CONTENT OF DIETS AND XANTHINE OXIDASE ACTIVITY IN THE SILKWORM, BOMBYX MORI L.
T Ito F Mukaiyama
J Insect Physiol 10(5):789-796, BIBL. 795-796
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Bombyx mori, Insect metabolism, Insect nutrition, Proteins, Xanthine oxidase.

10596-68
MASKING OF THE AMERICAN COCKROACH SEX ATTRACTION.
M Jacobson L A Smalls
J Econ Entomol 59(2):414-416
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Blattidae, Sex attractants.

10597-68
TEST OF SEVERAL SYSTEMIC INSECTICIDES FOR POST-OVIPOSITION CONTROL OF THE SITKA-SPRUCE WEEVIL.
N E Johnson J G Zingg
J Econ Entomol 59(3):765-766
Jun 1966 421 J822
Larvae, Pissodes sitchensis, Systemic insecticides.

10598-68
METHODS OF REARING AND TRANSPORTING PREDACIOUS MITES.
S S Kamburov
J Econ Entomol 59(4):875-877, PL.
Aug 1966 421 J822
Insect rearing equipment, Insect transportation equipment, Mites, Predaceous insects.

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RESPONSE OF MOSQUITO LARVAE TO BACILLUS THURINGIENSIS BERLINER.
W R Kellen L L Lewallen
J Invertebrate Pathol 2(3):305-307
1960 421 J826
Bacillus thuringiensis Berliner, Larvae, Thuricide.

10600-68
TRIPHENYL TIN COMPOUNDS AS INSECT REPRODUCTION INHIBITORS.
E A Kenaga
J Econ Entomol 58(1):4-8
Feb 1965 421 J822
Blattella germanica, Musca domestica, Reproduction, Tribolium, Triphenyl tin compounds.

10601-68
THE ERADICATION OF GLOSSINA MORSITANS SUBMORSISTANS NEWST. AND GLOSSINA TACHINOIDES WESTW. IN PART OF A RIVER FLOOD PLAIN IN NORTHERN NIGERIA BY CHEMICAL MEANS. PART II.
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Chemical control (insects), Ddt, Northern nigeria.

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Chemosterilants.

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A FIELD STUDY ON THE CONTROL OF HOUSE FLIES WITH CHEMOSTERILANT TECHNIQUES.
G C La Brecque D W Meifert A L Fye
J Econ Entomol 56(2):150-152
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Chemosterilants, Musca domestica.

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Jun 1966 421 J822
Insecticides, Mirex, Pogonomyrmex occidentalis.

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COMPETITION AMONG LARVAE OF HIPPELATES COLLUSOR (DIPTERA: CHLOROPIDAE) AS A NATURAL CONTROL FACTOR.
E F Legner
J Econ Entomol 59(6):1315-1321
Dec 1966 421 J822
Larvae, Natural control (insects).

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D B Leuck R O Hammons
J Econ Entomol 58(5):1028-1030
Oct 1965 421 J822
Bees, Hymenoptera, Insect pollinators, Palynology, Peanuts.

10607-68
FURTHER STUDIES ON A PYRETHRUM-RESISTANT STRAIN OF THE GRANARY WEEVIL, SITOPHILUS GRANARIUS (L.).
C J Lloyd E A Parkin
J Sci Food Agr 14(9):655-663, BIBL. 663, TABS.
Sep 1965 382 S012
Pyrethrum, Sitophilus granarius, Sitophilus granarius.

10608-68
STATUS OF PYGOSTOLUS FALCATUS AS PARASITE OF SITONA SPP. FOLLOWING RELEASES IN MANITOBA AND ONTARIO.
C C Loan
J Econ Entomol 58(4):798-799
Aug 1965 421 J822
Manitoba, Ontario, Parasitism, Pygosiolus falcatus (Nees), Sitona cylindricollis.

10609-68
SEROLOGICAL CHARACTERIZATION OF FIVE STRAINS OF INSECTICIDE-RESISTANT AND SUSCEPTIBLE HOUSE FLIES.
C F Long F H Silverman
J Econ Entomol 58(6):1070-1074
Dec 1965 421 J822
Insecticide resistant insects, Musca domestica, Serological tests.

10610-68
MORTALITY OF HOUSE FLIES EXPOSED TO DICHLORVOS RESIN STRIPS IN PERMANENT FIELD LATRINES.
V A Loy G E Cantwell
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Dec 1966 421 J822
Dichlorvos, Musca domestica.

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CHOLINESTERASE ACTIVITY OF SUSCEPTIBLE AND RESISTANT STRAINS OF MALATHION-POISONED GERMAN COCKROACHES.
A Mansingh
J Econ Entomol 58(3):580-581
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Blattella germanica, Cholinesterases, Insecticide resistant insects, Malathion.

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STUDIES ON CARBOXYESTERASE IN MALATHION-RESISTANT CULEX TARSALIS.
F Matsumura A W A Brown
J Econ Entomol 56(3):381-388
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Carboxylesterase, Malathion.

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MECHANISM OF MALATHION AND PARATHION RESISTANCE IN THE TWO-SPOTTED SPIDER MITE, TETRANYCHUS URTICAE.
F Matsumura G Voss
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Insecticide resistant insects, Malathion, Parathion, Tetranychus urticae.

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THE ENZYMATIC DEGRADATION OF PARATHION IN ORGANOPHOSPHATE-SUSCEPTIBLE AND -RESISTANT HOUSEFLIES.
F Matsumura C J Hogendijk
J Agr Food Chem 12(5):447-453, BIBL. 452-453, TABS.
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Diazinon, Insect metabolism, Insecticide resistant insects, Musca domestica, Organophosphorus compounds, Parathion.

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LABELING THE APPLE MAGGOT WITH STRONTIUM 89.
J W McAllan W T A Neilson
J Econ Entomol 58(1):168
Feb 1965 421 J822
Radioisotopes, Rhagoletis pomonella, Strontium.

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INSECT RESISTANCE TO INSECTICIDES: BIOCHEMICAL FACTORS IN THE ACQUIRED RESISTANCE OF HOUSE FLIES TO ORGANOPHOSPHATE INSECTICIDES.
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Diazinon, Insecticide resistant insects, Malathion, Methyl parathion, Organophosphorus compounds.

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J J Menn W M Hoskins
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Insect metabolism, Organophosphorus compounds, Phorate.

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THE INFLUENCE OF RHYTHMICALLY FLUCTUATING TEMPERATURES ON THE DEVELOPMENT AND REPRODUCTION OF THE SPOTTED ALFALFA APHID, THERIOAPHIS MACULATA.
P S Messenger
J Econ Entomol 57(1):71-76, TABS.
Feb 1964 421 J822
Insect biology, Reproduction, Temperature, Therioaphis maculata.

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STUDIES ON THE SALIVARY PHYSIOLOGY OF PLANT BUGS: OXIDASE ACTIVITY IN THE SALIVARY APPARATUS AND SALIVA.
P W Miles
J Insect Physiol 10(1):121-129, TABS.
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Oxidases, Salivary glands (insects).

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A COLOR CHARACTER TO DISTINGUISH SEXES OF MATURE LARVAE AND PUPAE OF ANGOUMOIS GRAIN MOTH, SITOTROGA CEREALELLA.
R B Mills
J Econ Entomol 57(5):780-781
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Larvae, Pupae, Sex determination.

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HOST-PLANT SELECTION BY MIGRATING BOLL WEEVILS.
E R Mitchell H M Taft
J Econ Entomol 59(2):390-392
Apr 1966 421 J822
Anthonomus grandis, Attractants, Cotton, Plant hosts, Xanthium.

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COLOR PREFERENCE IN THE FEEDING BEHAVIOR OF THE BOLL WEEVIL.
N Mitlin V L Reily R T Gast
J Econ Entomol 59(3):598-599
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Anthonomus grandis, Feeding habits (insects).

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HONEY BEE COLONY DEFENSE AT LOW TEMPERATURES.
R A Morse
J Econ Entomol 59(5):1091-1093
Oct 1966 421 J822
Apis mellifera, Bee behavior, Social insects, Temperature.

10624-68
FIELD TESTS WITH A MALATHION BAIT SPRAY FOR CONTROL OF THE APPLE MAGGOT, RHAGOLETIS POMONELLA.
W T A Neilson C W Maxwell
J Econ Entomol 57(2):192-194
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Attractants, Malathion, Rhagoletis pomonella.

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ARTIFICIAL DIETS FOR THE APPLE MAGGOT. III. IMPROVED, DEFINED DIETS.
W T A Neilson J W McAllen
J Econ Entomol 58(3):542-543
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Insect nutrition, Rhagoletis.

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H D Niemczyk
J Econ Entomol 58(1):163-164
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Aldrin.

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E R Catman E E Legner
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Bacillus thuringiensis, Spilonota ocellana.

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J Econ Entomol 57(4):529-531
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Attractants, Insect collecting equipment, Rhagoletis.

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M T Ouye H M Graham R S Garcia D F Martin
J Econ Entomol 58(5):927-929
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Mating, Metepa.

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DETERMINATION OF THE OPTIMUM STERILIZING DOSAGE FOR PINK BOLLWORMS TREATED AS PUPAE WITH GAMMA RADIATION.
M T Ouye R S Garcia D F Martin
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Gamma rays, Pectinophora gossypiella, Pupae, Sterilization.

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SELECTION OF A PYRETHRUM-RESISTANT STRAIN OF THE GRAIN WEEVIL, CALANDRA GRANARIA L.
E A Parkin C J Lloyd
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Insecticide resistant insects, Pyrethrum, Sitophilus.

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B C Pass
J Econ Entomol 59(5):1232-1236
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Hypera postica, Kentucky.

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CHLORINATED HYDROCARBON RESISTANT NORTHERN CORN ROOTWORM IN WISCONSIN.
K K Patel J W Apple
J Econ Entomol 59(3):522-525
Jun 1966 421 J822
Aldrin, Diazinon, Diazinon, Insecticide resistant insects.

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J Econ Entomol 59(6):1430-1435
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Apples, Biological control (pests), Nova scotia.

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SEX ATTRACTANT AND MATING IN THE SUGARCANE BORER.
R Perez W H Long
J Econ Entomol 57(5):688-690, TABS.
Oct 1964 421 J822
Attractants, Diatraea saccharalis, Sex attractants, Sex behavior.

10637-68
THE ABSORPTION, DISTRIBUTION, AND FATE OF C14-ALDRIN AND C14-DIELDRIN BY SUSCEPTIBLE AND RESISTANT HOUSE FLIES.
A S Perry G W Pearce A J Buckner
J Econ Entomol 57(6):867-872, BIBL. 872, TABS.
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Absorption, Aldrin, Carbon-14, Dieldrin, Insecticide resistant insects, Musca domestica, Radioactive tracers.

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SEXUAL STERILITY INDUCED IN THE HOUSE FLY BY CONTACT EXPOSURE TO CHEMOSTERILANT APHOLATE.
S B Pershad M B Naidu
J Econ Entomol 59(4):948-950
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Apholate, Chemosterilants, Contact exposure, Musca domestica, Sterility.

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A SCREENING METHOD FOR CHEMOSTERILANTS OF THE HOUSE FLY.
P G Piquett J C Keller
J Econ Entomol 55(2):261-262
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Chemosterilants, Musca domestica, Sterilization.

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DDT RESISTANCE IN CULEX TARSALIS COQUILLETT: CROSS RESISTANCE TO RELATED COMPOUNDS AND METABOLIC FATE OF A C14-LABELED DDT ANALOG.
F W Platt Jr G A Chapman J W Morgan
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Culex, Culicidae, Insecticide resistant insects, Radioactive tracers.

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M D Proverbs J R Newton
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Carpocpsa, Gamma rays.

10642-68
FLIGHT RANGE, LENGTHS OF GONADOTROPHIC CYCLE, AND LONGEVITY OF P32-LABELED ANOPHELES STEPHENSIS MYSORENSIS.
M S Quiraishi M A Faghih N Esghi
J Econ Entomol 59(1):50-55
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Gonadotropins, Insect dissemination, Insect flight, Longevity, Radioactive tracers.

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DETERMINATION OF PEREZIA PYRAUSTAE INFECTION RATES IN LARVAE OF THE EUROPEAN CORN BORER.
E S Raun G T York D L Brooks
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Spores.

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INSECTARY EVALUATION OF NEW INSECTICIDES FOR ONION MAGGOT CONTROL.
W A Rawlins M Lodge
J Econ Entomol 59(2):299-303
Apr 1966 421 J822
Diazinon, Hylemya antiqua, Insect eggs, Larvae, Muck soils.

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EFFECT OF AMERICAN CYANAMID CL-47031 ON FECUNDITY AND LONGEVITY OF THE BOLL WEEVIL.
R L Ridgway S L Jones D A Lindquist
J Econ Entomol 58(4):790-791
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American cyanamid cl-47031, Anthonomus grandis, Fertility, Longevity.

10646-68
EFFECT OF METABOLITE ANALOGS ON LARVAL DEVELOPMENT AND OVIPOSITION IN THE BOLL WEEVIL.
R L Ridgway L J Gorzycki D A Lindquist
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Feb 1966 421 J822
Anthonomus grandis, Larvae, Metabolite analogs, Oviposition.

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THE EFFECT OF RESIDUAL DEPOSITS OF INSECTICIDES ON THE SCORPION, CENTRUROIDES VITTATUS.
R L Ridgway T McGregor J F Flanigan
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Centruroides vittatus, DDT, Insecticide residues, Scorpionida.

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IMPROVED METHODS FOR OBTAINING AND REARING FIRST-INSTAR CYCLOCEPHALA IMMACULATA LARVAE FOR EXPERIMENTATION.
B J Roberts
J Econ Entomol 56(4):538-540 BIBL., 539-540
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Insect rearing.

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NORTHERN FOWL MITE TOLERANT TO MALATHION.
J L Rodriguez L A Biehl
J Econ Entomol 56(4):509-511
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Insecticide resistant insects, Malathion, Ornithonyssus sylviarum.

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A J Rogers
J Econ Entomol 55(4):521-527
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Insect control, Sand flies, Tidal marshes.

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THE INFLUENCE OF SPRAY PROGRAMS ON THE FAUNA OF APPLE ORCHARDS IN NOVA SCOTIA. XV. CHEMICAL CONTROLS FOR WINTER MOTH, OPEROPHTERA (L.), AND THEIR EFFECTS ON PHYTOPHAGOUS MITE AND PREDATOR POPULATIONS.
K H Sanford H J Herbert
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Chemical control (insects), Mites, Moths, Nova Scotia, Operophtera, Population.

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K H Sanford
J Econ Entomol 57(6):921-925, BIBL. 924-925
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Apples, Life cycle, Malathion, Nova Scotia.

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TOLERANCE OF HONEY BEE SPERM TO DEEP FREEZING.
Y Sawada M C Chang
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Apis mellifera, Freezing, Spermatozoa.

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DISTRIBUTION OF C14-LABELED DIELDRIN IN DIELDRIN-RESISTANT AND SUSCEPTIBLE BOLL WEEVILS, ANTHONOMUS GRANDIS.
O E Shipp J R Brazzel
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Anthonomus grandis, C-14, Dieldrin, Insecticide resistant insects.

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EFFECTS OF TEMPERATURE AND LENGTH OF ACQUISITION FEEDING TIME ON TRANSMISSION OF NONPERSISTENT VIRUSES BY APHIDS.
J N Simons
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Aphididae, Temperature, Virus y (potatoes), Viruses.

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A VIRUS DISEASE OF SWAINE'S JACK PINE SAWFLY, NEODIPRION SWAINEI MIDD. SPRAYED FROM AN AIRCRAFT.
W A Smirnoff J J Fettes W Haliburton
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Aircraft disinfestation, Jack-pine sawfly, Pinus banksiana.

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J Insect Physiol 10(5):839-847, PLS.
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LABORATORY TESTS OF SOME SOIL FUMIGANTS AS HOUSE FLY LARVICIDES.
W W Smith
J Econ Entomol 55(2):265
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Fumigants, Larvicides, Musca domestica, Soil fumigation.

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FIELD TESTS OF SOME SOIL FUMIGANTS AS HOUSE FLY LARVICIDES.
W W Smith
J Econ Entomol 55(6):1001-1003, TABS.
Dec 1962 421 J822
Fumigation, Larvicides, Musca domestica, Soils.

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S C Srivastava M G R Varma
J Med Entomol 1(2):154-157
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Insect cultures, Ixodides.

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N Stahler L A Terzian
J Econ Entomol 56(3):416-417
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Aedes aegypti, Blood, Gamma rays, Irradiation.

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G R Stairs
Can Entomol 98(10):1100-1104, BIBL. 1103-1104
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Malacosoma, Viruses.

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J W Stephenson L V Knutson
J Econ Entomol 59(2):356-360, BIBL. 359-360
Apr 1966 421 J822
Biological control (pests), Invertebrates, Parasitism, Slugs.

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J Econ Entomol 59(2):462-464, BIBL., PL.
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Dieldrin.

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Carbon dioxide, Gamma rays, Irradiation, Temperature, Tribolium confusum.

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H H Tippins C M Beckham
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A S Tombes
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Insecticide resistant insects, Malathion, Organophosphorus compounds, Tetranychus.

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J R Walker I A Brindley
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Ostrinia, X-rays.

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Aldrin, Aldrin, Diazinon, Dieldrin.

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Hylotrupes bajulus, Larvae, Pine sapwood, Plant nutrition.

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ACARICIDE RESISTANCE IN THE RED TICK, RHIPICEPHALUS EVERTSI NEUMANN.
G B Whitehead J A F Baker
Bull Entomol Res 51(4):755-764, TABS.
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Dieldrin, Rhipicephalus, Sodium arsenate, Toxaphene.

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B H Wilson
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DDT, Insecticide resistant insects, Musca domestica, Warf antiresistant.

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Larvae, Microorganisms.

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Genetics

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ARTIFICIAL SELECTION OF ADULT SCREW-WORMS FOR EXTENDED SURVIVAL WITHOUT FOOD AND WATER.
A H Baumhover G E Spates Jr
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Adults, Cochliomyia hominivorax, Drying, Starvation.

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SOME NEW MUTANTS OF THE HOUSE FLY, MUSCA DOMESTICA, WITH NOTATIONS OF RELATED PHENOMENA.
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Musca domestica, Mutants.

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G J Shanahan
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Medical Entomology

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California, Houses, Insect vectors.

20 CROP PROTECTION

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Crop yields.

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Plant Dis Rep 45(4):288
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Indiana, Mentha, Stolon decay.

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ORCHARD PEST CONTROL PROBLEMS DIMINISH.
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Amitrole, Perthane, Pesticides, Psyllidae, Trees, Weed control.

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Epidemiology.

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Manganese.

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HOSTS AND ELECTRON MICROSCOPY OF TWO PAPAYA VIRUSES.
J A de Bokx
Plant Dis Rep 49(9):742-746
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Electron microscopy, Mosaic (papayas), Papayas, Plant hosts, Ring spot (papayas).

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SOME HOSTS OF ERWINIA CARNEGIEANA.
S M Alcorn
Plant Dis Rep 45(8):587-590
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Cereus giganteus, Erwinia carnegieana, Mammillaria.

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DISTRIBUTION AND SPREAD OF CAMELLIA FLOWER BLIGHT IN SOUTH CAROLINA.
P M Alexander L H Senn
Plant Dis Rep 49(3):258
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Blight (camellia), Camellia, South Carolina.

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SPREAD AND DISTRIBUTION OF CAMELLIA FLOWER BLIGHT IN LOUISIANA.
D M Alford J B Sinclair T P Pirone
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Blight (camellia), Camellia, Louisiana.

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Plant Dis Rep 49(6):557
15 Jun 1965 1.9 P69P
Oils, Plant disease spread, Potatoes, Virus a (potatoes).

10691-68
LEAF CRUMBLE DISEASE OF COTTON IN ARIZONA.
R M Allen H Tucker R A Nelson
Plant Dis Rep 44(4):246-250
15 Apr 1960 1.9 P69P
Crop losses.

10692-68
SEROLOGICAL AND PHYSICOCHEMICAL COMPARISONS BETWEEN VIRUSES OF THE PRUNUS NECROTIC RINGSPOT AND PFEFFINGER (RASP LEAF) TYPES.
W R Allen
Phytopathology 54(4):455-459, BIBL., 458-459
Apr 1964 464.8 P56
Necrotic ring spot (prunus), Physical chemistry, Prunus, Rasp leaf (prunus), Serological tests.

10693-68
ACHAPARRAMIENTO (CORN STUNT).
O Ancalmo W C Davis
Plant Dis Rep 45(4):281
15 Apr 1961 1.9 P69P
Achaparramiento, Stunt (corn), Sweetcorn.

10694-68
CHANGES IN BLACK SHANK DISEASE REACTION OF SUSCEPTIBLE TOBACCO (NICOTIANA TABACUM) INDUCED BY GAMMA IRRADIATION.
J L Apple
Phytopathology 54(1):23-28
Jan 1964 464.8 P56
Black shank (tobacco), Fungus diseases (plants), Gamma rays, Tobacco.

10695-68
HYDRATED LIME IMPROVES NUCLAY-STREPTOMYCIN DUST FOR PEAR BLIGHT CONTROL.
P A Ark J P Thompson
Plant Dis Rep 44(3):204-205
15 Mar 1960 1.9 P69P
Blight (pears), Calcium hydroxide, Nuclay, Pears, Streptomycin.

10696-68
A METHOD TO INDUCE WOODY GALLS ON DECIDUOUS FRUIT TREES WITH AGROBACTERIUM TUMEFACTENS AND ON OLIVE TREES WITH PSEUDOMONAS SAVASTANOI.
P A Ark J P Thompson
Plant Dis Rep 44(2):100-101
15 Feb 1960 1.9 P69P
Bacteria, Fruit, Olives, Plant galls, Trees.

10697-68
POTATO VIRUS F LATENT IN AN IMPORTED VARIETY AND RESISTANCE TO THE VIRUS IN AN INTERSPECIFIC POTATO HYBRID.
R H Bagnall
Phytopathology 50(6):460-464, BIBL. 463-464.
Jun 1960 464.8 P56
Heterosis, Potatoes, Virus y (potatoes).

10698-68
THE TRANSLOCATION OF ROOT-APPLIED STREPTOMYCIN IN BEAN.
B S Bajaj R D Durbin
Plant Dis Rep 45(4):260-262, BIBL. 261-262
15 Apr 1961 1.9 P69P
Kidney beans, Plant translocation, Streptomycin.

10699-68
EFFECTIVENESS OF SOME NEW FUNGICIDE FORMULATIONS FOR CONTROL OF PECAN SCAB IN OKLAHOMA.
G L Barnes
Plant Dis Rep 49(4):285-287, TABS.
15 Apr 1965 1.9 P69P
Fungicides, Oklahoma, Pecans, Scab (pecan).

10700-68
EFFICIENCY OF THREE APHID SPECIES IN THE TRANSMISSION OF PEA ENATICN MCSAIC VIRUS.
J E Batb R K Chapman
J Econ Entcmol 59(3):631-634
Jun 1966 421 J822
Aphididae, Enaticn mosaic (peas).

10701-68
THE USEFULNESS OF TETRACHLOROISOPHTHALONITRILE AND TETRACHLORONITROANISOLE FOR CONTROL OF HELMINTHOSPORIUM AND RUST DISEASES OF KENTUCKY BLUEGRASS.
A A Bell R R Muse
Plant Dis Rep 49(4):323-326
15 Apr 1965 1.9 P69P
Helminthosporium, Poa pratensis, Rust (poa pratensis), Tetrachlorciscphthalcnitrile, Tetrachloronitroanisole.

10702-68
ISOLATICN OF VIRUS X FROM 'IMMUNE' VARIETIES OF POTATO, SOLANUM TUBERCSUM.
A P Benson W J Hccker
Phytopathclogy 50(3):231-234
Mar 1960 464.8 P56
Potatoes.

10703-68
DEVELCPMENT OF ASPARAGUS RUST PATHOGEN IN RELATICN TO TEMPERATURE AND MCISTURE.
L Beraha M E Linn H W Anderson
Plant Dis Rep 44(2):82-86
15 Feb 1960 1.9 P69P
Asparagus.

10704-68
A POWDERY MILDEW ON SAFFLOWERS.
E E Berkenkamp
Plant Dis Rep 45(10):826
15 Oct 1961 1.9 P69P
Greenhouse culture, Oidium, Powdery mildew (safflower), Safflower.

10705-68
RESULTS CF FUNGICIDE TESTS FOR THE CONTROL OF WALNUT ANTHRACNOSE, 1960.
F H Berry
Plant Dis Rep 45(3):167
15 Mar 1961 1.9 P69P
Anthracnose (walnuts).

10706-68
SHORTLEAF PINE, A NEW HOST FOR COMMANDRA BLISTER RUST.
F H Berry N F Rogers O J Dooling
Plant Dis Rep 45(7):576
15 Jul 1961 1.9 P69P
Blister rust (pinus echinata), Cronartium commandrae Peck, Pinus echinata, Pinus echinata, 2-(2,4,5-trichlorophenoxy) propionic acid.

10707-68
STEWART'S DISEASE: EXPECTED DEVELOPMENT IN ILLINOIS IN 1960.
G H Bcewe
Plant Dis Rep 44(5):372
15 May 1960 1.9 P69P
Bacterial wilt (ccrn), Corn.

10708-68
A NEW SCURCE OF RESISTANCE TO WHEAT STREAK-MOSAIC VIRUS.
K E Bohnenblust B J Kolp
Plant Dis Rep 49(10):813-814
Oct 1965 1.9 P69P
Plant disease resistance, Streak mosaic (wheat), Wheat.

10709-68
POLYPORUS CIRCEA CN OLIVE IN CALIFORNIA.
L Bcnar
Plant Dis Rep 48(1):70
15 Jan 1964 1.9 P69P
California, Olea europea, Olives, Polyporus oleaea.

10710-68
OAK DIEBACK IN VIRGINIA IN 1959.
J S Boyce Jr C F Speers
Plant Dis Rep 44(5):351
15 May 1960 1.9 P69P
Dieback (quercus), Quercus.

10711-68
POLYPORUS TOMENTOSUS IN PINE PLANTATIONS AT ATHENS, GEORGIA.
J S Boyce Jr
Plant Dis Rep 49(4):322
15 Apr 1965 1.9 P69P
Georgia, Pinus, Plantations, Polyporus tomentosus.

10712-68
HEALTHY TIP CUTTINGS FROM SOME MOSAIC-DISEASED ASIATIC CHRYSANTHEMUMS; SOME BENEFITS AND OTHER EFFECTS OF HEAT TREATMENT.
P Brierley P Lorentz
Phytopathology 50(6):404-408, TABS.
Jun 1960 464.8 P56
Chrysanthemum.

10713-68
CASTORBEAN DISEASES IN TEXAS IN 1960.
R D Brigham
Plant Dis Rep 45(2):124-125
15 Feb 1961 1.9 P69P
Deuteromycetes, Plant dwarfing, Texas.

10714-68
RESISTANCE OF SEVEN KENTUCKY BLUEGRASS VARIETIES TO STEM RUST.
M P Britton J D Butler
Plant Dis Rep 49(8):708-710
Aug 1965 1.9 P69P
Plant disease resistance, Poa pratensis, Stem rust (Poa pratensis).

10715-68
RELATIONSHIP OF PENETRATION TO INFECTION TYPE WHEN SEEDLING WHEAT LEAVES ARE INOCULATED WITH PUCCINIA GRAMINIS TRITICI.
J F Brown W A Shipton
Phytopathology 54(1):89-91
Jan 1964 464.8 P56
Fungus diseases (plants), Immunization, Plant disease control, Puccinia graminis tritici.

10716-68
SOIL-BORNE MCSAIC OF FALL-SEEDED OATS IN WESTERN WASHINGTON.
G W Bruehl V D Damsteegt
Plant Dis Rep 45(11):884-888, BIBL. 887-888
15 Nov 1961 1.9 P69P
Mosaic (oats), Oats, Soil-borne plant diseases, Washington.

10717-68
INFLUENCE OF COPPER GRADIENTS UPON VARIOUS APPLE LEAF AND TWIG CONSTITUENTS AS RELATED TO FIRE BLIGHT INCIDENCE.
J W Bushong D Powell P D Shaw
Phytopathology 54(6):713-717, BIBL. 716-717
Jun 1964 464.8 P56
Apples, Copper, Fire blight (apples).

10718-68
EVIDENCE OF FUNGISTATIC ACTION OF PETROLEUM OIL AGAINST MYCOSPHAERELLA MUSICOLA INSIDE BANANA LEAVES.
L Calpouzos A Santiago T Theis C Colberg
Phytopathology 50(11):865-866
Nov 1960 464.8 P56
Bananas, Fungi, Mycosphaerella musicola, Petroleum, Sigatoka (bananas).

10719-68
METHODS FOR DETERMINING THE REACTION OF SMALL POTATO LINES TO SOIL ROT.
L W Carlson F B Struble
Phytopathology 50(11):822-826
Nov 1960 464.8 P56
Soil rot, Streptomyces ipomoea, Sweet potatoes.

10720-68
A DETERMINATION OF NECROTIC-RING-SPOT VIRUS IN MICHIGAN PEACH ORCHARDS AND NURSERY STOCK.
D Cation
Plant Dis Rep 45(2):109-112
15 Feb 1961 1.9 P69P
Michigan, Necrotic ring spct (cherries), Necrotic ring spot (peaches), Nursery stock (forestry).

10721-68
PHYTOTOXICITY OF METABOLIC PRODUCTS OF A PENICILLIUM SPECIES TO EGGPLANT AND MAPLE.
S Catovic-Catani J L Peterson
Phytopathology 54(2):127
Feb 1964 464.8 P56

20 10722-68

Acer, Eggplant, Metabolites, Penicillin.

10722-68
IMPORTANCE AND CONTROL OF POTATO LEAF ROLL IN MEXICO.
J Cervantes
Phytopathology 54(5):498
May 1964 464.8 P56
Leaf roll (potatoes), Mexico, Potatoes, Viruses.

10723-68
TRANSMISSION OF CABBAGE VIRUSES A AND B BY THE CABBAGE APHID AND THE GREEN PEACH APHID.
R B Chalfant R K Chapman
J Econ Entomol 55(5):584-590, BIBL. 590, TABS.
Oct 1962 421 J822
Brevicoryne brassicae, Myzus persicae, Plant disease transmission, Virus a (cabbage), Virus b (cabbage).

10724-68
SYSTEMIC DISEASE CONTROL BY 1-PYRIDINETHIOL-1-OXIDE AND ITS DERIVATIVES.
S I Cohen J H Reinhart S S Ristich
Phytopathology 50(4):239
Apr 1960 464.8 P56
Broadbeans, Cucumbers, Plant disease control, 1-pyridinethiol-1-oxide.

10725-68
PHYSIOLOGIC SPECIALIZATION OF FUSICLADIUM EFFUSUM AND ITS EVALUATION IN VITRO.
R H Converse
Phytopathology 50(7):527-531, TABS.
Jul 1960 464.8 P56
Fusicladium effusum conidia, Parasitism, Pecans.

10726-68
DIURNAL FLUCTUATIONS IN NONPERSISTENT VIRUS TRANSMISSION BY APHIDS.
P P Cook Jr E S Sylvester
J Econ Entomol 57(4):536-538
Aug 1964 421 J822
Insect vectors.

10727-68
GENETICS OF RESISTANCE IN CAPSICUM ANNUM TO TWO VIRUS DISEASES.
A A Cook
Phytopathology 50(5):364-367
May 1960 464.8 P56
Capsicum annum, Plant disease resistance, Plant genetics, Tobacco etch virus, Virus y (potatoes).

10728-68
A MUTATION FOR RESISTANCE TO POTATO VIRUS Y IN PEPPER.
A A Cook
Phytopathology 50(9):632
Sep 1960 464.8 P56
Piper nigrum, Plant mutation, Virus y (potatoes).

10729-68
CONTROL OF PEANUT LEAF SPOT (CERCOSPORA ARACHIDICOLA HORI) BY FUNGICIDAL SPRAYS.
W E Cooper
Plant Dis Rep 45(9):674-676
15 Sep 1961 1.9 P69P
Cercospora arachidicola Hori, Dodine, Dyrene, Leaf spot (peanuts), Maneb, Phaltan, Spraying, TC-90.

10730-68
FERTILIZATION OF PYCNIA WITH UREDIOSPORES AND AECIOSPORES IN PUCCINIA GRAMINES.
R U Cotter
Phytopathology 50(7):567-568
Jul 1960 464.8 P56
Aeciospores, Pycenia, Urediospores.

10731-68
EFFICIENCY OF VARIOUS INSECTS AS VECTORS OF CUCUMBER MOSAIC AND WATERMELON MOSAIC VIRUSES IN CANTALOUPES.
D L Coudriet
J Econ Entomol 55(4):519-520
Aug 1962 421 J822
Cantaloupes, Insect vectors, Mosaic (cucumbers), Mosaic (watermelons).

10732-68
THE ROLE OF POTATO-Y VIRUS IN TOMATO PRODUCTION IN SOUTH FLORIDA.
R S Cox
Plant Dis Rep 49(12):1018
Dec 1965 1.9 P69P
Crop losses, Florida, Tomatoes, Virus y (potatoes).

10733-68
FUNGICIDE SPRAYS FOR CUCUMBER SCAB CONTROL.
D F Crossan
Plant Dis Rep 49(4):312-313
15 Apr 1965 1.9 P69P
Cucumbers, Fungicides, Scab (cucumbers), Spraying.

10734-68
RACE 2 OF PSEUDOMONAS SESAMI IN MISSISSIPPI.
T W Culp
Plant Dis Rep 48(2):86-87
15 Feb 1964 1.9 P69P
Mississippi, Pseudomonas sesami.

10735-68
EFFECT OF PLANT BED TEMPERATURE AND SEED POTATO DIP TREATMENTS ON INCIDENCE OF SWEET POTATO SPROUT DECAY CAUSED BY DIAPORTHE BATATATIS.
R H Daines E Brennan I A Leone
Phytopathology 50(3):186-187
Mar 1960 464.8 P56
Dry rot (potatoes), Plant temperature, Seed potatoes.

10736-68
EFFECT OF DRY MATURE PLANT MATERIALS AND NITROGEN ON RHIZOCTANIA SOLANI IN SOIL.
C B Davey G C Papavizas
Phytopathology 50(7):522-525, BIBL. 525, TABS.
Jul 1960 464.8 P56
Corn, Nitrogen, Oats, Soybeans.

10737-68
STUDIES OF THE EFFECT OF STRAW COVER AND METHOD OF INOCULATION ON DWARF BUNT OF WINTER WHEAT IN UTAH.
W G Dewey
Plant Dis Rep 45(8):663-665
15 Aug 1961 1.9 P69P
Immunization, Plant dwarfing, Stinking smut (wheat), Straw cover, Utah.

10738-68
IN VITRO SENSITIVITY OF 104 ISOLATES OF AGROBACTERIUM TUMEFACIENS TO 14 ANTIBIOTICS.
R S Dickey
Plant Dis Rep 49(6):470-474, BIBL. 473-474
15 Jun 1965 1.9 P69P
Agrobacterium tumefaciens, Allergies, Antibiotics, In vitro.

10739-68
FREE AMINO ACID AND AMIDES IN HEALTHY AND VIRUS INFECTED CHERRY AND PEACH LEAVES.
T Diener
Phytopathology 50(2):141-145
Feb 1960 464.8 P56
Amides, Amino acids, Cherries, Peaches.

10740-68
FUSARIUM BARK CANKER OF YELLOW-POPLAR.
L S Dochinger C E Seliskar
Phytopathology 52(1):8
Jan 1962 464.8 P56
Canker (populus), Liriodendron tulipifera.

10741-68
A STRAIN OF CUCUMBER VIRUS I INFECTIOUS TO BLIGHT-RESISTANT SPINACH.
S P Doolittle R E Webb
Phytopathology 50(1):7-9
Jan 1960 464.8 P56
Mosaic (cucumbers), Spinach.

10742-68
SOUTHERN BLIGHT OF BIRDSFOOT TREFOIL (LOTUS CORNICULATUS).
C Drake
Plant Dis Rep 44(2):115-116
15 Feb 1960 1.9 P69P
Birdsfoot trefoil, Fungus diseases (plants), Southern blight (birdsfoot trefoil).

10743-68
RHIZOCTONIA CROWN ROT OF BIRDSFOOT TREFOIL (LOTUS CORNICULATUS).
C R Drake
Plant Dis Rep 45(7):572-573
15 Jul 1961 1.9 P69P
Birdsfoot trefoil, Crown rot (birdsfoot trefoil), Rhizoctonia.

10744-68
HOST-PARASITE RELATIONS OF STEMPHYLIUM LEAF SPOT AND STEM CANKER OF BIRDSFOOT TREFOIL.
C R Drake
Phytopathology 52(1):8
Jan 1962 464.8 P56
Birdsfoot trefoil, Canker (birdsfoot trefoil), Host indexing (plants), Leaf spot (birdsfoot trefoil), Stemphylium loti Graham.

10745-68
FOMES ANNOSUS ROOT-ROT IN SLASH PINE PLANTATIONS OF THE EASTERN GULF COAST STATES.
C H Driver T E Dell
Plant Dis Rep 45(1):38-40
15 Jan 1961 1.9 P69P
Pinus, Root rot (pinus).

10746-68
FOMES ANNOSUS CAUSES SEVERE DAMAGE TO THINNED SLASH PINE PLANTATION IN SOUTH GEORGIA.
C H Driver T E Dell
Plant Dis Rep 45(8):660
15 Aug 1961 1.9 P69P
Fomes annosus, Georgia, Pinus elliottii, Thinning (trees).

10747-68
IRIS LEAF SPOT CONTROL.
E S Elliott C J Davis C M Howard
Plant Dis Rep 45(6):470-471
15 Jun 1961 1.9 P69P
Didymellina macrospora Kleb., Heterosporium iridis, Leaf spot (iris), Maneb, Phaltan, Zineb.

10748-68
EFFECT OF A VIRUS ON THE WINTER-KILLING OF OATS.
R M Endo C M Brown
Phytopathology 50(1):84
Jan 1960 464.8 P56
Oats, Viruses.

10749-68
SQUIRRELS AS POSSIBLE VECTORS OF THE OAK WILT FUNGUS IN IOWA.
A W Engelhard W H Bragonier
Plant Dis Rep 44(3):192-196, BIBL. 195-196
15 Mar 1960 1.9 P69P
Animal vectors, Fungi, Quercus, Squirrels, Wilt (quercus).

10750-68
CONTROL OF THE MINT RUST FUNGUS, PUCCINIA MENTHAE, BY NICKEL SALTS.
G L Farkas G Molnar Z Kiraly
Phytopathology 50(11):866
Nov 1960 464.8 P56
Mentha.

10751-68
THE OCCURRENCE OF ANGULAR LEAF-SPOT OF SESAME IN PANAMA.
J B Ferrer
Plant Dis Rep 44(3):221
15 Mar 1960 1.9 P69P
Leaf spot (sesame), Seed-borne plant diseases, Sesame.

10752-68
CONTROL OF POWDERY MILDEW OF GREENHOUSE ROSES WITH POLYBUTENES.
R W Fisher G C Chamberlain W G Kemp
Plant Dis Rep 44(4):273
15 Apr 1960 1.9 P69P
Greenhouses, Plant disease control, Polybutenes, Powdery mildew (Rosa), Rosa.

10753-68
A REPORT ON THE TESTING OF LOTUS SPECIES FOR RESISTANCE TO STEMPHYLIUM LEAFSPOT AND STEM CANKER.
R E Ford
Plant Dis Rep 44(4):276-280
15 Apr 1960 1.9 P69P
Birdsfoot trefoil, Leaf spot (birdsfoot trefoil), Plant disease resistance, Stem canker (birdsfoot trefoil), Stemphylium, Trefoil.

10754-68
CONTROL OF LEAF AND STEM RUST OF WHEAT BY ZINEB AND INORGANIC NICKEL SALTS.
F R Forsyth B Peterson
Plant Dis Rep 44(3):208-211
15 Mar 1960 1.9 P69P
Inorganic compounds, Leaf rust (wheat), Nickel, Salts, Stem rust (wheat), Wheat, Zineb.

10755-68
SYMPTOMS OF NECROTIC RINGSPOT AND PRUNE DWARF IN SEVERAL PRUNUS SPECIES.
P R Fridlund
Plant Dis Rep 49(4):288-292
15 Apr 1965 1.9 P69P
Dwarf disease (prunus), Necrotic ring spot (prunus), Prunus.

10756-68
DIFFERENCES IN RESPONSE OF CITRON SELECTIONS TO EXOCORTIS VIRUS INFECTION.
E F Frolich E C Calavan J V Carpenter D W Christiansen
Int Organ Citrus Virol Proc 3:113-118
1963 464.06 IN82
Citron, Exocortis (citrus), Indicator plants.

10757-68
STRAWBERRY VIRUS DISSEMINATION IN ARKANSAS.
J P Fulton
Phytopathology 50(7):477-480, BIBL. 479-480, TABS.
Jul 1960 464.8 P56
Arkansas, Plant diseases, Strawberries, Virus a (strawberries).

10758-68
STUDIES ON ROOT ROTS OF RED CLOVER IN WISCONSIN.
N D Fulton E W Hanson
Phytopathology 50(7):541-550, BIBL. 549-550, TABS.
Jul 1960 464.8 P56
Red clover, Root rot (red clover), Wisconsin.

10759-68
ERGOT INFECTION AND STERILITY IN GRAIN SORGHUM.
M C Futrell O J Webster
Plant Dis Rep 49(8):680-683, TABS.
Aug 1965 1.9 P69P
Claviceps purpurea, Ergot, Sorghum, Sterility.

10760-68
RATOON STUNTING DISEASE OF SUGARCANE IN COLOMBIA.
G E Galvez H D Thurston
Plant Dis Rep 45(12):954-956
15 Dec 1961 1.9 P69P
Colombia, Hot water treatment (plants), Ratoon stunt (sugarcane), Sugarcane.

10761-68
ISOLATES OF PUCCINIA GRAMINIS VAR. TRITICI OBTAINED FROM BARBERRIES INOCULATED WITH RACE 15B.
W N Garrett R F Line
Phytopathology 52(1):11
Jan 1962 464.8 P56
Berberis, Immunization, Puccinia graminis var. tritici.

10762-68
VARIETAL REACTION OF CREEPING BENTGRASS TO STRIPE SMUT.
T A Gaskin
Plant Dis Rep 49(3):268
15 Mar 1965 1.9 P69P
Agrostis palustris, Stripe smut, Ustilago striiformis.

10763-68
USE OF WATER-EMULSIFIABLE ASPHALT WITH FUNGICIDES TO PROTECT CAMELLIA GRAFTS.
D L Gill
Plant Dis Rep 45(6):432-434
15 Jun 1961 1.9 P69P
Camellia.

10764-68
LIGHT INHIBITION OF UREDOSPORE GERMINATION IN PUCCINIA GRAMINIS VAR. TRITICI.
C V Givan K R Bromfield
Phytopathology 54(4):382-384
Apr 1964 464.8 P56
Fungus germination, Light, Puccinia graminis var. tritici, Uredospores.

10765-68
LIVE OAK DECLINE IN VIRGINIA.
R H Gruenhagen
Plant Dis Rep 49(3):269
15 Mar 1965 1.9 P69P
Quercus virginiana, Virginia.

10766-68
SEROLCGICAL DETECTICN OF HAIO BLIGHT.
J W Guthrie D M Huber H S Fenwick
Plant Dis Rep 49(4):297-299
15 Apr 1965 1.9 P69P
Serclogical tests.

10767-68
EFFECTIVENESS CF DORMANT SPRAYS IN THE CONTROL OF DUTCH ELM DISEASE.
G E Hafstad J F Reynolds
Plant Dis Rep 45(9):681
15 Sep 1961 1.9 P69P
Chemical ccntrol (plant diseases).

10768-68
TESTING COMMERCIAL PEA VARIETIES FOR REACTION TO FUSARIUM RCCT ROT, FUSARIUM SOLANI F. PISI.
D J Hagedorn
Phytopathclogy 50(9):637
Sep 1960 464.8 P56
Fusarium, Peas, Peas, Plant disease resistance, Rcot rot (peas).

10769-68
THE NATURE OF BIPHENYL-RESISTANT MUTANTS OF PENICILLIUM DIGITATUM.
P R Harding Jr
Plant Dis Rep 49(12):965-969
Dec 1965 1.9 P69P
Biphenyl.

10770-68
VISCOSITY DETERMINATIONS OF XYLARY FLUID FRCM HEALTHY AND CERATOCYSTIS ULMI-DISEASED ELMS.
J H Hart H S McNabb Jr
Phytopathclogy 52(1):13
Jan 1962 464.8 P56
Dieback (ulmus), Plant translocation, Ulmus.

10771-68
PRODUCTION OF PECTOLYTIC ENZYMES AND FUSARIC ACID BY FUSARIUM OXYSPORIUM F. CONGLUTINANS IN RELATION TO CABBAGE YELLOWS.
R Heitefuss M A Stahmann J C Walker
Phytopathology 50(5):367-370
May 1960 464.8 P56
Acids, Cabbage, Enzymes.

10772-68
OXIDATIVE ENZYMES IN CABBAGE INFECTED BY FUSARIUM OXYSPORIUM F. CONGLUTINANS.
R Heitefuss M A Stahmann J C Walker
Phytopathclogy 50(5):370-375, BIBL. 374-375
May 1960 464.8 P56
Cabbage, Enzymes, Fusarium oxysporum.

10773-68
ELECTROPHORETIC AND IMMUNOCHEMICAL STUDIES OF PROTEINS IN CABBAGE INFECTED WITH FUSARIUM OXYSPORUM F. CONGLUTINANS.
R Heitefuss D J Buchanan-Davidson M A Stahmann J C Walker
Phytopathclogy 50(3):198-205
Mar 1960 464.8 P56
Cabbage, Electrophoresis, Fusarium oxysporum, Immunochemistry, Proteins.

10774-68
CHEMOTHERAPEUTIC CONTROL OF POTENTIAL VIRUS (APHIDS) ON PRUNE TREES.
A W Helton R W Portman
J Econ Entomol 58(4):749-754, TABS.
Aug 1965 421 J822
Fungicides, Insect vectors, Insecticides, Nematocides, Prunes, Viruses.

10775-68
INFLUENCE OF NUTRITION ON SPORULATION OF THE BANANA WILT AND BEAN ROCT ROT.
F F Hendrix Jr T A Tcussoun
Phytopathclogy 54(4):389-392, PL.
Apr 1964 464.8 P56
Agar.

10776-68
OVERSUMMERING OF STRIPE RUST AT HIGH ELEVATIONS IN THE PACIFIC NORTHWEST- 1963.
J W Hendrix J E Burleigh J Tu
Plant Dis Rep 49(4):275-278
15 Apr 1965 1.9 P69P
Estivation, Grain, Pacific northwest, Stripe rust (grain).

10777-68
JUNIPER HOSTS OF CEDAR-APPLE AND CEDAR-HAWTHORN RUST.
E B Himelick D Neely
Plant Dis Rep 44(2):109-112
15 Feb 1960 1.9 P69P
Cedar-hawthorne rust (juniperus), Juniperus, Rust (apples).

10778-68
TRUNK CANKER OF MACADAMIA IN HAWAII CAUSED BY PHYTOPHTHORA CINNAMOMI RANDS.
R B Hine
Plant Dis Rep 45(11):868
15 Nov 1961 1.9 P69P
Canker (macadamia), Hawaii, Macadamia integrifolia, Phytophthora cinnamomi.

10779-68
SURVIVAL IN THE PLANTATION OF EASTERN REDCEDAR SEEDLINGS INFECTED WITH PHOMOPSIS BLIGHT IN THE NURSERY.
C S Hodges H J Green
Plant Dis Rep 45(2):134-136
15 Feb 1961 1.9 P69P
Juniperus.

10780-68
CURE OF ROSE MOSAIC BY HEAT.
F O Holmes
Phytopathology 50(4):240
Apr 1960 464.8 P56
Heat, Mosaic (rosa).

10781-68
ROSE MOSAIC CURED BY HEAT TREATMENTS.
F O Holmes
Plant Dis Rep 44(1):46-47
15 Jan 1960 1.9 P69P
Insect vectors, Mosaic (rosa), Rosa, Virus diseases (plants).

10782-68
NORTHERN LEAF BLIGHT OF CORN IN WISCONSIN IN 1964.
P E Hoppe D C Arny
Plant Dis Rep 49(6):516
15 Jun 1965 1.9 P69P
Corn, Helminthosporium turcicum, Northern leaf blight (corn), Wisconsin.

10783-68
CONTROL OF BOTRYTIS ROT OF STRAWBERRIES.
N L Horn
Plant Dis Rep 45(10):818-822, BIBL. 821-822, TABS.
15 Oct 1961 1.9 P69P
Botrytis cinerea, Captan, Dichlone, DHA-S, Phaltan, Rot (strawberries), Strawberries, Thiram.

10784-68
CONTROL OF MINT RUST BY PROPANE GAS FLAMING AND CONTACT HERBICIDE.
C E Horner
Plant Dis Rep 49(5):393-395, TABS.
15 May 1965 1.9 P69P
Dinitrobutylphenol, Herbicides, Plant disease control, Propane, Puccinia menthae, Rust (mint).

10785-68
PROPANE FLAMING KILLS VERTICILLIUM DAHLIAE IN PEPPERMINT STUBBLE.
C E Horner H L Dooley
Plant Dis Rep 49(7):581-582
Jul 1965 1.9 P69P
Mentha piperita, Propane.

10786-68
APHANOMYCES RAPHANI KENDRICK IN RADISHES IN OREGON.
R M Hosford Jr
Plant Dis Rep 45(6):482
05 Jun 1961 1.9 P69P
Aphanomyces raphani Kendrick, Black root (radishes), Chloropicrin, Oregon, Radishes.

10787-68
THE ETIOLOGY OF MAPLE BLIGHT.
D R Houston J E Kuntz
Phytopathology 52(1):14
Jan 1962 464.8 P56
Acer, Blight (acer).

10788-68
OBSERVATIONS ON WHITE OAK STEM SWELLINGS.
C D Huppuch
Plant Dis Rep 44(4):238-239

15 Apr 1960 1.9 P69P
Quercus alba, Stem swellings, Tree diseases.

10789-68
EFFECTS OF INFECTION BY PUCCINIA GRAMINIS TRITICI ON THE VITAMIN B6, NIACIN, AND PANTOTHENIC ACID CONTENTS OF WHEAT PLANTS.
M Husain C D Hobbs M C Futrell
Phytopathology 54(5):502-505
May 1964 464.8 P56
Nicotinic acid, Pantothenic acid, Puccinia grammis tritici, Vitamin b6, Wheat.

10790-68
SUGGESTED CHANGES IN THE TERMINOLOGY OF PLANT DISEASE CONTROL.
S M Husain
Plant Dis Rep 45(4):263
15 Apr 1961 1.9 P69P
Nomenclature, Plant disease resistance, Plant protection.

10791-68
REEVALUATIONS IN MAINE OF THREE METHODS PROPOSED FOR FORECASTING LATE BLIGHT OF POTATO.
R A Hyre
Plant Dis Rep 44(4):235-237
15 Apr 1960 1.9 P69P
Fungicides, Late blight (potatoes), Potatoes.

10792-68
INFECTION OF OAK ROOTS BY ARMILLARIA MELLEA.
W A Irvine H S McNabb Jr
Phytopathology 52(1):15
Jan 1962 464.8 P56
Armillaria, Quercus, Roots.

10793-68
AN EPIPHYTOTIC OF PSEUDOMONAS SOLANACEARUM IN TOMATOES ON NEWLY-CLEARED KLEJ SAND IN RELATION TO POTASSIUM, CALCIUM AND MAGNESIUM LEVELS.
C A Jaworski D J Morton
Plant Dis Rep 48(2):88-89
15 Feb 1964 1.9 P69P
Calcium, Epiphytes, Klej sand, Magnesium, Potassium, Pseudomonas solanacearum, Tomatoes, Wilt (tomatoes).

10794-68
NEW PHYSIOLOGICAL RACES OF GLOMERELLA CINGULATA VAR- ORBICULARE (SYN. COLLETOTRICHUM LAGENARIUM, C. ORBICULARE) BASED ON CUCURBIT HOST DIFFERENTIALS.
S F Jenkins Jr N N Winstead C L McCombs
Phytopathology 52(1):15
Jan 1962 464.8 P56
Cucurbitaceae, Glomerella cingulata, Host indexing (plants), Plant disease resistance, Plant physiology.

10795-68
INFECTION OF ARTIFICIALLY INOCULATED SHORTLEAF PINE HYBRIDS WITH FUSIFORM RUST.
F F Jewell
Plant Dis Rep 45(8):639-640
15 Aug 1961 1.9 P69P
Cronartium fusiforme, Fusiform rust (pinus), Pinus echinata, Plant breeding.

10796-68
OCCURRENCE OF CERTAIN PLANT DISEASES IN KENTUCKY IN 1960.
E M Johnson R A Chapman W D Valleau G A Everette
Plant Dis Rep 45(2):140-141
15 Feb 1961 1.9 P69P
Angular leafspot (tobacco), Anthracnose (tobacco), Black root rot (tobacco), Black shank (tobacco), Dieback (ulmus), Downy mildew (tobacco), Fire blight (apples), Frogeye (tobacco), Kentucky, Soft rot (tobacco), Tobacco, Wildfire (tobacco).

10797-68
OCCURRENCE OF CERTAIN PLANT DISEASES IN KENTUCKY IN 1959.
E M Johnson R A Chapman W D Valleau
Plant Dis Rep 44(3):159-161
15 Mar 1960 1.9 P69P
Plant diseases, Tobacco, Tomatoes, Ulmus.

10798-68
LIVERWORT IN TOBACCO BEDS IN KENTUCKY.
E M Johnson I Massie J H Smiley
Plant Dis Rep 49(7):590
Jul 1965 1.9 P69P
Hepaticae, Kentucky, Tobacco.

10799-68
DISTRIBUTION AND PREVALENCE OF PHYSIOLOGIC RACES OF LEAF RUST OF WHEAT, PUCCINIA RECONDITA ROB. DESM. IN THE UNITED STATES IN 1960.
C O Johnston
Plant Dis Rep 45(8):661-662
15 Aug 1961 1.9 P69P
Leaf rust (wheat), Puccinia recondita, United States.

10800-68
SYSTEMIC CONTROL OF POWDERY MILDEW OF ROSES, CAUSED BY THE FUNGUS SPHAEROTHECA PANNOSA, WITH DERIVATIVES OF CYCLOHEXIMIDE.
B M Jones H G Swartwout
Phytopathology 52(1):15-16
Jan 1962 464.8 P56
Cycloheximide, Powdery mildew (Rosa), Rosa, Systemic fungicides.

10801-68
A NEW STRAIN OF THE TOBACCO RING SPOT VIRUS ISOLATED FROM AN UNIDENTIFIED IMPORTED SPECIES OF EUCHARIS.
R P Kahn H A Scott
Phytopathology 52(1):16
Jan 1962 464.8 P56
Eucharis, Ring spot (tobacco), Tobacco.

10802-68
MIMOSA WILT FOUND ALONG MISSISSIPPI COAST.
A G Kais G A Snow
Plant Dis Rep 49(12):971
Dec 1965 1.9 P69P
Fusarium oxysporum, Mississippi, Wilt (albizzia julibrissin).

10803-68
THE REACTION OF VARIETIES AND HYBRID SELECTIONS OF WINTER WHEAT TO PATHOGENIC RACES OF TILLETIA CARIES AND T. FOETIDA.
E L Kendrick
Plant Dis Rep 49(10):843-846
Oct 1965 1.9 P69P
Plant disease resistance, Tilletia caries, Tilletia foetida, Wheat.

10804-68
PRUNUS INJUCUNDA SMALL AND ACER RUBRUM L., NATURAL HOSTS. OF PEACH ROSETTE VIRUS.
G Kenknight
Plant Dis Rep 44(3):220
15 Mar 1960 1.9 P69P
Acer rubrum L., Prunus injucunda Small, Rosette (peaches), Viruses.

10805-68
CERATOCYSTIS COERULESCENS ON SUGAR MAPLE IN THE LAKE STATES.
K J Kessler Jr R L Anderson
Plant Dis Rep 44(5):348-350
15 May 1960 1.9 P69P
Acer saccharum, Ceratocystis coerulescens.

10806-68
INCIDENCE OF CLOVER PHYLLODY IN RELATION TO POTATO CULTURE.
R A Kilpatrick K W Kreitlow
Plant Dis Rep 45(9):717-719
15 Sep 1961 1.9 P69P
Aster yellows (potatoes), Clover, Phyllody, Potatoes.

10807-68
FUSARIUM SOLANI F. PISI, A CAUSE OF PEA ROOT ROT IN NEW HAMPSHIRE.
G C Kingsland A E Rich
Plant Dis Rep 45(11):845
15 Nov 1961 1.9 P69P
Fusarium solani f. pisi, New Hampshire, Pisum sativum, Root rot (peas).

10808-68
RELATIVE SUSCEPTIBILITY TO FUSIFORM RUST OF PROGENY LINES FROM RUST-INFECTED AND NONINFECTED LOBLOLLY PINES.
B B Kinloch A Kelman
Plant Dis Rep 49(10):872-874
Oct 1965 1.9 P69P
Cronartium fusiform, Fusiform rust (pinus), Pinus taeda, Plant disease resistance.

10809-68
YIELDS OF SOUR CHERRY AFFECTED BY RING SPOT AND YELLOWS VIRUSES.
E J Klos K G Parker
Phytopathology 50(6):412-415, TABS.

20 10810-68

Jun 1960 464.8 P56
Birdsfoot trefoil, Necrotic ring spot (cherries),
Virus y (potatoes).

10810-68
BROWN ROT CONTACT INFECTION OF CITRUS FRUITS PRIOR TO HOT WATER TREATMENT.
L J Klotz T A DeWolfe
Plant Dis Rep 45(4):268-271
15 Apr 1961 1.9 P69P
Brown rot (citrus), Citrus, Hot water treatment (plants).

10811-68
HOST RANGE, PROPERTIES, VARIETAL REACTION AND RESISTANCE IN RELATION TO ISOLATES OF POTATO VIRUS F.
G F Kollmer R H Larson
Phytopathology 50(9):642
Sep 1960 464.8 P56
Host indexing (plants), Plant disease resistance,
Virus f (potatoes).

10812-68
DUTCH ELM DISEASE IN KANSAS IN 1959.
C L Kramer H E Thompson
Plant Dis Rep 44(3):162
15 Mar 1960 1.9 P69P
Dieback (ulmus).

10813-68
DIFFERENCES IN PATHOGENICITY AND PYCNIDAL PRODUCTION AMONG ISOLATES OF PYRENOCHAETA TERRESTIS FROM A SINGLE PINK ROOT INFESTED FIELD IN LOUISIANA.
M M Kulik E C Tims
Plant Dis Rep 44(1):54
15 Jan 1960 1.9 P69P
Fungus diseases (plants), Isolates, Pathogenicity,
Pink root (onions), Pycnidia, Pyrenochaeta terrestis.

10814-68
A NONPATHOGENIC WILT AND ROOT ROT OF PEAS FAVORED BY LOW LIGHT INTENSITY.
B H Kwack S Dunn A E Rich
Plant Dis Rep 45(7):574-575
15 Jul 1961 1.9 P69P
Light, Pisum sativum, Root rot (peas), Vermiculite,
Wilt (peas).

10815-68
APHIS GOSSYPII, A VECTOR OF CITRUS VEIN-ENATION VIRUS.
E F Laird Jr L G Weathers
Plant Dis Rep 45(11):877
15 Nov 1961 1.9 P69P
Aphis gossypii, Insect vectors, Vein enation (citrus).

10816-68
HOSTS BESIDES RICE FOR VIRUS AND VECTOR OF HOJA BLANCA.
H A Lamey W W McMillian
Phytopathology 50(9):643
Sep 1960 464.8 P56
Hoja blanca (rice), Host indexing (plants), Insect vectors,
Rice.

10817-68
STEM DISEASES OF SWEETCLOVERS.
G C M Latch E W Hanson
Phytopathology 50(9):643
Sep 1960 464.8 P56
Ascochyta, Mycosphaerella, Sweetclover, Sweetclover disease.

10818-68
PHYTOPATHOGENIC AND SAPROPHYTIC FUNGI ASSOCIATED WITH FORAGE LEGUME SEED.
C M Leach
Plant Dis Rep 44(5):364-369
15 May 1960 1.9 P69P
Forage plants, Legumes, Phytopathogenic fungi,
Saprophytic fungi, Seeds.

10819-68
DOWNY MILDEW ON WATERMELONS IN ARIZONA, A FIRST REPORT.
C R Leathers
Plant Dis Rep 44(5):372
15 May 1960 1.9 P69P
Anthracnose (watermelons), Downy mildew (watermelons),
Watermelons.

10820-68
CERCOSPORA TRAVERSIANA AND SOME OTHER PATHOGENS OF FENUGREEK NEW TO NORTH AMERICA.
E E Leppik
Plant Dis Rep 44(1):40-44
15 Jan 1960 1.9 P69P
Fungus diseases (plants), North America,
Trigonella foenum-graecum.

10821-68
PRESENCE OF FUSARIUM OXYSPORUM F. ASPARGI ON ASPARAGUS SEED AND FUSARIUM RESISTANCE IN PLANT INTRODUCTION LINES OF ASPARAGUS.
G D Lewis P D Shoemaker
Phytopathology 54(2):128
Feb 1964 464.8 P56
Asparagus.

10822-68
FACTORS AFFECTING ZOOSPORE PRODUCTION BY APHANOMYCES EUTEICHES.
C Llanos J L Lockwood
Phytopathology 50(11):826-830
Nov 1960 464.8 P56
Aphanomyces euteiches, Zoospores.

10823-68
PATHOGENICITY OF THIELAVIOPSIS BASICOLA ON PEAS.
A B Lloyd J L Lockwood
Plant Dis Rep 45(6):422-424
15 Jun 1961 1.9 P69P
Pathogenesis, Peas, Root rot (peas), Thielaviopsis basicola.

10824-68
AN IMPROVED LABORATORY ASSAY FOR TESTING EFFECTIVENESS OF SOIL CHEMICALS IN PREVENTING WHITE ROT OF ONION.
S B Locke
Plant Dis Rep 49(6):546-549
15 Jun 1965 1.9 P69P
Assay, Onions, Sclerotium cepivorum, Soil chemicals,
White rot (onion).

10825-68
ADDITIONAL RECORDS OF VEGETABLE DISEASES IN ALASKA.
C E Logsdon G Strobel
Plant Dis Rep 44(2):94-97
15 Feb 1960 1.9 P69P

10826-68
REACTION OF ONION TO FUSARIUM BASAL ROT.
J W Lorbeer K W Stone
Plant Dis Rep 49(6):522-526
15 Jun 1965 1.9 P69P
Basal rot (onion), Fusarium oxysporum, Onions.

10827-68
EFFECT OF MYO-INOSITOL IN HOST TISSUES ON THE PARASITISM OF PRUNUS DOMESTICA VAR. PRESIDENT BY RHODOSTICTA QUERCINA.
F L Lukezic J E DeVay
Phytopathology 54(6):697-700, BIBL. 700, TABS.
Jun 1964 464.8 P56
Inositol, Parasitism, Plant tissues,
Prunus domestica var. President, Rhodosticta quercina.

10828-68
CO-OPERATIVE SEED TREATMENT TRIALS - 1959.
J E Machacek H A H Wallace
Plant Dis Rep 44(4):290-293
15 Apr 1960 1.9 P69P
Grain, Mercury, Seed treatment, Seeds.

10829-68
STREPTOMYCIN ABSORPTION, TRANSLOCATION, AND RETENTION IN HOPS.
C R Maier
Phytopathology 50(5):351-356
May 1960 464.8 P56
Absorption, Chemical retention, Chemical translocation, Hops,
Streptomycin.

10830-68
PHYSIOLOGY OF FUSARIUM SOLANI F. PHASEOLI IN RELATION TO SAPROPHYTIC SURVIVAL IN SOIL.
O C Maloy
Phytopathology 50(1):56-61
Jan 1960 464.8 P56
Fusarium solani, Saprophytes.

10831-68
SOUTHERN CONE RUST: DISTRIBUTION AND CONTROL.
O C Maloy F R Matthews
Plant Dis Rep 44(1):36-39
15 Jan 1960 1.9 P69P
Epidemiology, Pinus elliottii elliottii,

Plant disease control, Southern cone rust.

10832-68
GYMNOSPORANGIUM FUSCUM FOUND ON PEARS IN CALIFORNIA.
A H McCain
Plant Dis Rep 45(2):151
15 Feb 1961 1.9 P69P
California, Juniperus, Pears, Rust (pears).

10833-68
RELATIONSHIP OF HOJA BLANCA TO THE INOCULATION POINT AND TO THE AGE AND YIELD OF RICE PLANTS.
W W McMillian J J McGuire H A Lamey
Plant Dis Rep 44(6):387-389
15 May 1960 1.9 P69P
Crop yields.

10834-68
SOURCE OF INOCULUM OF GUIGNARDIA CITRICARPA, THE CITRUS BLACK SPOT PATHOGEN.
K C McOnie
Phytopathology 54(1):64-67, TABS.
Jan 1964 464.8 P56
Black spot (citrus), Citrus.

10835-68
THE LATENT OCCURRENCE IN CITRUS AND OTHER HOSTS OF A GUIGNARDIA EASILY CONFUSED WITH G. CITRICARPA, THE CITRUS BLACK SPOT PATHOGEN.
K C McOnie
Phytopathology 54(1):40-43
Jan 1964 464.8 P56
Black spot (citrus), Host indexing (plants), Microorganisms.

10836-68
LONG SMUT OF SORGHUM IN ISRAEL.
G Minz J Palti
Plant Dis Rep 44(2):147-148
15 Feb 1960 1.9 P69P
Bacterial diseases (plants).

10837-68
SURVIVAL OF STEM RUST UREDIOSPORES ON DRY FOLIAGE OF WHEAT.
H A Mohamed
Phytopathology 50(5):400
May 1960 464.8 P56
Fungi dissemination, Stem rust (wheat), Wheat.

10838-68
PYTHIUM ULTIMUM AND HELMINTHOSPORIUM VAGANS AS FOLIAR PATHOGENS OF GRAMINEAE.
L D Moore H R Couch
Plant Dis Rep 45(8):616-619
15 Aug 1961 1.9 P69P
Blight (turf), Grasses, Helminthosporium vagans, Pythium ultimum.

10839-68
THE STATUS OF DUTCH ELM DISEASE IN ILLINOIS.
D Neeley J C Carter R J Campana
Plant Dis Rep 44(3):163-166
15 Mar 1960 1.9 P69P
Dieback (ulmus).

10840-68
ADDITIONAL JUNIPER HOSTS OF CEDAR-APPLE AND CEDAR-HAWTHORN RUSTS.
D Neely F R Himelick
Plant Dis Rep 45(5):351
15 May 1961 1.9 P69P
Cedar-hawthorne rust (juniperus), Juniperus, Rust (apples).

10841-68
A BASAL LEAF AND STEM SPOTTING OF GLADIOLUS.
R Nelson
Phytopathology 50(9):648
Sep 1960 464.8 P56
Gladiolus, Leaf spot (gladiolus), Stem spot (gladiolus).

10842-68
BACTERIAL PETIOLE SPOT OF CELERY.
R Nelson
Phytopathology 50(9):648
Sep 1960 464.8 P56
Celery, Copper, Petiole spot (celery).

10843-68
LIQUID NABAM AND N-DURE AS SUBSTITUTES FOR FORMALDEHYDE IN THE CONTROL OF ONION SMUT, UROCYSTIS CEPULAE.
A G Newhall R E Wilkinson
Plant Dis Rep 44(5):332
15 May 1960 1.9 P69P
Formaldehyde, N-dure, Nabam, Smut (onions), Urocystis cepulae.

10844-68
ELIMINATION OF THE INTERNAL CORK VIRUS BY CULTURING APICAL MERISTEMS OF INFECTED SWEETPOTATOES.
L W Nielsen
Phytopathology 50(11):840-841
Nov 1960 464.8 P56
Sodium hypochlorite, Sweetpotatoes, Tissues, Virus f (potatoes).

10845-68
STREPTOMYCIN ABSORPTION IN DISEASED AND HEALTHY HOP TISSUES AND ITS EFFECT ON THE HOP DOWNY MILDEW ORGANISM AND MILDEW DEVELOPMENT.
J M Ogawa A R McCain D H Rall
Phytopathology 50(4):278-280
Apr 1960 464.8 P56
Hops.

10846-68
THE NATURAL OCCURRENCE OF TOBACCO RINGSPOT VIRUS IN BIRDSFOOT TREFOIL (LOTUS CORNICULATUS).
S A Ostazeski
Plant Dis Rep 49(10):855-856
Oct 1965 1.9 P69P
Birdsfoot trefoil, Ring spot (tobacco).

10847-68
INFLUENCES OF SURFACTANTS AND THE MITICIDE ARAMITE ON CONTROL OF ROSE BLACKSPOT BY PHALTAN.
J G Palmer T J Henneberry
Plant Dis Rep 45(8):652-656
15 Aug 1961 1.9 P69P
Apricots, Aramite, Black spot (rosa), Phaltan, Surface-active agents.

10848-68
RHIZOCTONIA DISEASE OF BEAN AS AFFECTED BY DECOMPOSING GREEN PLANT MATERIALS AND ASSOCIATED MICROFLORAS.
G C Papavizas C R Davey
Phytopathology 50(7):516-522, BIBL. 521-522
Jul 1960 464.8 P56
Beans, Rhizoctani solani, Soil amendments.

10849-68
CONIFER TUMORS IN THE CENTRAL ROCKY MOUNTAINS.
R S Peterson
Plant Dis Rep 45(6):472-474
15 Jun 1961 1.9 P69P
Biphenyl, Conifers, Green mold (citrus), Pinus, Plant galls.

10850-68
HISTOCHEMICAL AND MORPHOLOGICAL STUDIES OF CARNATION STEM ROT.
D J Phillips
Phytopathology 50(9):651
Sep 1960 464.8 P56
Dianthus caryophyllus, Plant histology, Plant morphology.

10851-68
STUDIES ON CITRUS VIRUS DISEASES.
S Planes E Gonzalez-Sicilia F Marti
Int Organ Citrus Virol Proc 3RD:226-227
1963 464.06 IN82
Citrus, Tristeza (citrus), Virus diseases (plants).

10852-68
THE EFFECT OF AIR TEMPERATURE ON MULTIPLICATION OF TOBACCO MOSAIC VIRUS IN SUSCEPTIBLE AND RESISTANT PEPPER.
G S Pound G P Singh
Phytopathology 50(11):803-807
Nov 1960 464.8 P56
Mosaic (tobacco), Plant disease resistance, Redpeppers (vegetable), Temperature.

10853-68
RESULTS OF REGIONAL SEED-TREATMENT TESTS FOR THE CONTROL OF SEED-BORNE AND SOIL-BORNE COMMON BUNT OF WINTER WHEAT IN THE PACIFIC NORTHWEST, 1959.
L Purdy
Plant Dis Rep 44(1):25-28
15 Jan 1960 1.9 P69P
Plant disease control, Seed treatment, Seed-borne plant diseases, Stinking smut (wheat), Wheat.

10854-68
CROSS-PROTECTION TESTS WITH POTATO VIRUS Y AND POTATO VEINAL NECROSIS VIRUS.
W Ramirez R Gamez L G Gonzalez
Phytopathology 54(5):500
May 1964 464.8 P56
Vienal necrosis (potatoes), Virus y (potatoes).

10855-68
FURTHER STUDIES ON THE MOSAIC DISEASE OF MULBERRY.
S P Raychaudhuri B Ganguly A N Basu
Plant Dis Rep 49(12):981
Dec 1965 1.9 P69P
Morus, Mosaic (morus).

10856-68
THE IDENTITY AND HOST RELATIONS OF THE POTATO LATE-BREAKING VIRUS.
W B Raymer J A Milbrath
Phytopathology 50(4):312-319, BIBL. 318-319, TABS.
Apr 1960 464.8 P56
Ladino clover, Late breaking virus, Potatoes, Yellows (potatoes).

10857-68
ON THE PROBLEM OF XYLOPOROSIS AND CACHEXIA DISEASES OF MANDARINS.
I Reichert A Bental
Plant Dis Rep 45(5):356-361, BIB. 360-361
15 May 1961 1.9 P69P
Cachexia (citron), Limes, Mandarin oranges, Xyloporosis (oranges).

10858-68
BUD-UNION CONSTRICTION DISORDER OF GRAPEFRUIT ON SOUR ORANGE IN ISRAEL.
I Reichert A Bental C Ginsburg
Int Organ Citrus Virol Proc 3RD:192-198
1963 464.06 IN82
Bud-union, Grapefruit, Sour oranges.

10859-68
MECHANICAL TRANSMISSION AND HOST-RANGE STUDIES OF SEVERAL GERANIUM VIRUSES.
R A Reinert A C Hildebrandt G E Beck
Phytopathology 50(9):652
Sep 1960 464.8 P56
Geranium.

10860-68
DISEASES OF FORAGE LEGUMES IN MINNESOTA.
B L Renfro F I Frosheiser R D Wilcoxson
Plant Dis Rep 44(5):314-316
15 May 1960 1.9 P69P
Crop losses, Forage plants, Legumes.

10861-68
TERRACLOR CONTROLS OLPIDIUM ON LETTUCE.
S Rich
Plant Dis Rep 44(5):352-353
15 May 1960 1.9 P69P
Lettuce, Olpidium, Pentachloronitrobenzene.

10862-68
PHYTOPHTHORA WILT OF TEPHROSIA VOGELII IN PUERTO RICO.
E G Ruppel D K Barnes
Plant Dis Rep 49(8):676-679
Aug 1965 1.9 P69P
Phytophtora parasitica var. nicotianae, Plant disease resistance, Puerto Rico, Tephrosia vogelii, Wilt (Tephrosia vogelii).

10863-68
FIELD OBSERVATIONS ON THE THRIPS VECTOR SPECIES OF THE TOMATO SPOTTED WILT VIRUS IN THE SAN PABLO AREA, CALIFORNIA.
K Sakimura
Plant Dis Rep 45(10):772-776, BIBL. 775-776
15 Oct 1961 1.9 P69P
California.

10864-68
A QUICK FIELD TEST FOR XYLOPOROSIS VIRUS.
A A Salibe
Int Organ Citrus Virol Proc 3:95-98
1963 464.06 IN82
Tangelos, Xyloporosis (citrus).

10865-68
RHYNCHOSPORIUM SCALD, SEVERE DISEASE OF BARLEY IN GUATEMALA.
E Schieber A Fumagalli
Plant Dis Rep 45(3):227
15 Mar 1961 1.9 P69P
Barley, Guatemala, Scald (barley).

10866-68
TRANSMISSION OF SEVERAL PLANT VIRUSES BY PHENOL-WATER EXTRACTS OF DISEASED TISSUES.
D E Schlegel
Phytopathology 50(2):156-158
Feb 1960 464.8 P56
Phenols, Tissues, Virus diseases (plants).

10867-68
MAGNESIUM NUTRITION OF NICOTIANA TABACUM IN RELATION TO MULTIPLICATION OF TOBACCO MOSAIC VIRUS.
R J Shepherd G S Pound
Phytopathology 50(3):195-198
Mar 1960 464.8 P56
Magnesium.

10868-68
RELATIVE PREVALENCE OF VERTICILLIUM WILT AND FUSARIUM WILT OF COTTON IN THE SOUTH PLAINS AREA OF TEXAS.
L L Sherrod A M Elliot
Plant Dis Rep 49(12):999-1002
Dec 1965 1.9 P69P
Fusarium oxysporum, Texas, Verticillium albo-atrum, Wilt (cotton).

10869-68
THE PATTERN OF DECAYS AND DISCOLORATIONS IN NORTHERN HARDWOODS.
A L Shigo
Phytopathology 54(2):129
Feb 1964 464.8 P56
Hardwoods, Tree diseases, Wood decay.

10870-68
PESTALOTIA LANGLOISII ON GARDENIAS.
R A Shoemaker A E Straby
Plant Dis Rep 49(10):832-833
Oct 1965 1.9 P69P
Fungi, Gardenia, Pestalotia langloisii.

10871-68
BLACK SHANK OF TOBACCO IN PENNSYLVANIA AND SOME OBSERVATIONS ON THE PATHOGEN.
G Silber H E Heggestad
Plant Dis Rep 44(5):303-305
15 May 1960 1.9 P69P
Black shank (tobacco), Microorganisms, Tobacco.

10872-68
THE EFFECT OF CALCIUM AND MOLYBDENUM ON YIELDS AND BLOSSOM END ROT OF TOMATO.
J B Sinclair R T Brown
Phytopathology 50(9):655
Sep 1960 464.8 P56
Blossom end rot (tomatoes), Calcium, Crop yields, Molybdenum, Tomatoes.

10873-68
PHYSIOLOGICAL FACTORS AFFECTING THE ONSET OF SUSCEPTIBILITY OF APPLE FRUIT TO ROTTING BY FUNGUS PATHOGENS.
W R Sitterly J R Shay
Phytopathology 50(2):91-93
Feb 1960 464.8 P56
Apples, Fungi, Fungicides, Insecticides, Microorganisms, Plant physiological diseases.

10874-68
A NEW INSECT VECTOR OF SQUASH MOSAIC VIRUS.
W R Sitterly
Plant Dis Rep 44(2):134-135
15 Feb 1960 1.9 P69P
Diabrotica, Insect vectors, Mosaic (squash), Squash.

10875-68
ATTEMPTS TO CONTROL SCLEROTINIA ROT ON IRRIGATED LETTUCE.
C B Skotland
Plant Dis Rep 45(1):51-53
15 Jan 1961 1.9 P69P
Irrigation, Lactuca sativa, Lettuce, Sclerotinia rot (lettuce).

10876-68
INHERITANCE CF RESISTANCE TC FUSARIUM WILT IN UPLAND AND SEA ISLAND CCTTONS AS CCMPLICATED BY NEMATCDES UNDER FIELD CCNDITICNS.
A L Smith J B Dick
Phytopathclcgy 50(1):44-48
Jan 1960 464.8 P56
Fusarium wilt, Nematodes, Sea-island cotton, Upland cotton.

10877-68
ANTHRACNCSE OF GUAR.
G Scwell Jr
Plant Dis Rep 49(7):607-609
Jul 1965 1.9 P69P
Anthracnose (guar), Colletotrichum dematium f. truncata, Cyamopsis tetragonolcba, Guar.

10878-68
ALTERNARIA LEAFSPCT CF GUAR.
G Scwell Jr
Plant Dis Rep 49(7):605-607
Jul 1965 1.9 P69P
Alternaria cucumerina, Guar, Leaf spot (guar).

10879-68
CONTRCL CF DROSOPHILA IN VINEYARDS WITH INSECTICIDAL DUSTS.
E M Stafford A P Yerington
J Econ Entcmcl 57(6):958-960
Dec 1964 421 J822
Bunch rot (grapes), Drosophila melanogaster, Dusting, Plant disease transmission.

10880-68
COTYLEDCNARY SYMPTOMS CF BACTERIAL CANKER OF TCMATO.
D L Strider T R Kcnsler
Plant Dis Rep 49(7):634-635
Jul 1965 1.9 P69P
Bacterial canker (tcmatoes), Corynebacterium michiganese, Cotyledons, Tcmatoes.

10881-68
CCNTRCL OF BAWTHORN LEAF BLIGHT.
F C Strcng
Plant Dis Rep 44(6):396-398
15 Jun 1960 1.9 P69P
Crataegus, Leaf blight (crataegus).

10882-68
TBE CAUSAL AGENT CF BACTERIAL BROWN ROT OF CYPRIPEDIUM ORCHIDS.
D D Sutton P A Ark M P Starr
Phytopathclcgy 50(3):182-186
Mar 1960 464.8 P56
Brown rot (orchids), Cypripedium orchids, Erwinia cypripedii, Orchidaceae.

10883-68
CCNTRCL CF PYTHIUM ROOT AND BASAL STEM ROT OF CHRYSANTBE-MUM MCRIFCLIUM WITB DEXON.
J Tammen D F Muse
Plant Dis Rep 45(11):863-865
15 Nov 1961 1.9 P69P
Chrysanthemum morifolium, Para-dimethylamincbenzenediazo sodium sulfonate, Rcot rot (chrysanthemum), Stem rot (chrysanthemum).

10884-68
MICROBIAL CCNTROL CF TBE ARTICHCKE PLUME MOTH, PLATYPTILIA CARDUIDACTYLA (RILEY) (PTERCPHORIDAE, LEPIDOPTERA).
Y Tanada C Reiner
J Invertebrate Pathol 2(3):230-246, TABS.
1960 421 J826
Artichokes, Biological control (pests), Lepidcptera, Ptercphcridae.

10885-68
THE RELATICN OF FERTILIZATICN TC DEVELOPMENT OF BACTERIAL SPCT CN PEPPER.
J Taylcr J W Lobscn Jr
Plant Dis Rep 44(3):172-175
15 Mar 1960 1.9 P69P
Bacterial spot (redpeppers), Fertilization (plants), Redpeppers (vegetable).

10886-68
EFFECT CF NITROGEN, PBOSPBORUS, AND POTASSIUM CONCENTRATIONS ON TBE DEVELOPMENT OF GIBBERELLA STALK- AND ROOT-ROT OF CCRN.
P Thayer L E Williams
Phytcpathclogy 50(3):212-214
Mar 1960 464.8 P56
Gibberella, Nitrogen, Phosphorus, Potassium, Root rot (corn), Stalk rot (corn).

10887-68
SUSCEPTIBILITY OF SESAME AND CASTORBEAN TO THIELAVIOPSIS BASICOLA.
C A Thomas G C Papavizas
Plant Dis Rep 49(3):256
15 Mar 1965 1.9 P69P
Castorbeans, Sesame, Thielaviopsis basicola.

10888-68
STUDIES ON THE OCCURRENCE AND DISTRIBUTION OF THE OAK WILT FUNGUS IN OAK LEAVES.
H C Thompson
Plant Dis Rep 45(11):839-840
15 Nov 1961 1.9 P69P
Ceratocystis fagacearum, Quercus rubra, Wilt (quercus).

10889-68
BLACK SHANK IN FLUE-CURED TOBACCO IN GEORGIA; ITS SPREAD AND CONTROL SINCE 1959.
S S Thompson P D Dukes S F Jenkins Jr
Plant Dis Rep 49(3):215-217
15 Mar 1965 1.9 P69P
Black shank (tobacco).

10890-68
ELSINOE DISEASE OF SUGARCANE IN FLORIDA.
E H Todd
Plant Dis Rep 44(3):153
15 Mar 1960 1.9 P69P
Elsinoe, Parasitic insects, Sugarcane.

10891-68
TBE EFFECT OF NITROGEN SOURCES AND GLUCOSE ON THE PATH-OGENESIS OF FUSARIUM SOLANI F. PHASEOLI.
T A Toossoun S M Nash W C Snyder
Phytopathology 50(2):137-140
Feb 1960 464.8 P56
Fusarium solani, Glucose, Plant nutrition.

10892-68
APHID-TRANSMITTED YELLOWS-TYPE SPINACH VIRUS IN THE EASTERN UNITED STATES.
M Treshow A C Hill W S Gardner
Plant Dis Rep 45(9):720-721
15 Sep 1961 1.9 P69P
Myzus, Spinach, Sugar beets, United States, Yellows (spinach), Yellows (sugar beets).

10893-68
EFFECT OF SPACING AND PRUNING ON PHYTOPHTHORA POD ROT OF CACAO.
P D Turner
Plant Dis Rep 49(3):257
15 Mar 1965 1.9 P69P
Cacao, Phytophthora palmivora, Planting, Pod rot (cacao), Pruning.

10894-68
ALTERNARIA ROT OF APPLE.
B G Tweedy D Powell
Phytopathology 50(9):657
Sep 1960 464.8 P56
Alternaria, Apples, Rot (apples).

10895-68
OBSERVATIONS ON THE PASSAGE OF PEACB NECROTIC LEAF SPOT AND PEACH RING SPOT VIRUSES THROUGH PEACH AND NECTARINE SEEDS AND THEIR EFFECTS ON THE RESULTING SEEDLINGS.
K B Wagon J A Traylor H E Williams J B Weinberger
Plant Dis Rep 44(2):117-119
15 Feb 1960 1.9 P69P
Necrotic leaf spot (peaches), Nectarines, Peaches, Seedlings.

10896-68
THE EFFECT OF RHAMUS PALAESTINA ON THE ORIGIN AND PERSIS-TENCE OF OAT CROWN RUST RACES.
I Wahl A Dinoor J Halpern S Schreiter
Phytopathology 50(7):562-567, BIBL. 566-567, TABS.
Jul 1960 464.8 P56
Crown rust (oats), Rhamnus palaestrina.

10897-68
CALLUS CULTURE OF FUSIFORM RUST-INFECTED SLASB PINE.
C B Walkinshaw F P Jewell N M Walker
Plant Dis Rep 49(7):616-618
Jul 1965 1.9 P69P

20 10898-68

Callus (plants), Cronartium fusiforme, Fusiform rust (pinus), Pinus ellicttii.

10898-68
INDUCTICN CE WOODY GALLS BY WOUNDING OF CITRUS INFECTED WITH VEIN-ENATICN VIRUS.
J M Wallace R J Drake
Plant Dis Rep 45(9):682-686
15 Sep 1961 1.9 P69P
Citrus, Plant injuries, Vein enation (citrus), Woody gall (citrus).

10899-68
SOME EFFECTS CE HOST NUTRITION CN SYMPTOMS OF EXOCORTIS.
L G Weathers M K Harjung R G Platt
Int Crgan Citrus Virol Proc 3:102, 107
1963 464.06 IN82
Exocortis (citrus), Phosphorus, Plant hosts (diseases), Plant nutriticn.

10900-68
TRANSMISSICN CF EXOCORTIS VIRUS OF CITRUS BY CUSCUTA SUBINCIUSA.
L G Weathers
Plant Dis Rep 49(3):189-190
15 Mar 1965 1.9 P69P
Citrus, Cuscuta subinclusa, Exocortis (citrus), Plant disease transmission.

10901-68
DISTRIBUTICN OF SCME CUCURBIT VIRUSES IN SOME SOUTHWEST MELCN-PRCDUCING AREAS.
R F Webb
Plant Dis Rep 45(11):851-853
15 Nov 1961 1.9 P69P
Melons, Mosaic (cucumbers), Mosaic (squash), Mosaic (watermelons), Ring spot (tobacco).

10902-68
THE VITAMIN NUTRITICN OF BOTRYTIS GLADIOLORUM IN RELATION TO ASEXUAL REPRODUCTION.
L V Wilcox Jr
Phytopathology 50(4):241-242
Apr 1960 464.8 P56
Asexual reproduction, Botrytis gladiolorum, Culture media, Vitamins.

10903-68
HYPCCCTYL NECRCSIS CF CCTTON SEEDLINGS.
A B Wiles
Phytopathclogy 54(6):627
Jun 1964 464.8 P56
Cotton, Hypocotyl necrosis.

10904-68
A NEW HCST FOR PCTATC VIRUS X IN THE LEGUMINOSAE.
C B Willis R H Larson
Phytopathclogy 50(9):659
Sep 1960 464.8 P56
Leguminosae, Virus x (potatoes).

10905-68
FLCUR OF INFECTED BEAN SEED AS A SOURCE OF VIRUS.
V F Wilson L I Dean
Phytopathclogy 54(4):489
Apr 1964 464.8 P56
Bean flour, Beans, Viruses.

10906-68
CCNTRCL OF CABBAGE CLUBROOT IN NORTH CAROLINA.
N N Winstead H R Garriss
Plant Dis Rep 44(1):14-18
15 Jan 1960 1.9 P69P
Cabbage.

10907-68
FURTHER CBSERVATICNS ON PEAR DECLINE IN WASHINGTON WITH PARTICULAR EMPHASIS ON QUICK DECLINE.
C G Wcodbridge F C Blodgett
Plant Dis Rep 45(4):258-259
15 Apr 1961 1.9 P69P
Decline (pears), Quick decline, Red leaf (pears), Washington.

10908-68
GREENHOUSE TESTS TC CCMPARE EURCPEAN AND BELTSVILLE ISOLATES OF PERONOSPCRA TABACINA.
P J Wuest C G Schmitt
Plant Dis Rep 49(5):367-370
15 May 1965 1.9 P69P
Greenhouse culture, Peronospora tabacina.

10909-68
LOCALIZED ACQUIRED RESISTANCE TO TOBACCO MOSAIC VIRUS.
C E Yarwood
Phytopathology 50(10):741-744
Oct 1960 464.8 P56
Mosaic (tobacco), Plant disease resistance, Plant hardiness.

10910-68
RELEASE AND PRESERVATION OF VIRUS BY ROOTS.
C E Yarwood
Phytopathology 50(2):111-114
Feb 1960 464.8 P56
Roots, Viruses.

10911-68
THE SEVERE BEAN MOSAIC VIRUS, A NEW BEAN VIRUS FROM MEXICO.
W D Yerkes Jr G Patino
Phytopathology 50(5):334-338
May 1960 464.8 P56
Mexico, Mosaic (beans), Mosaic (beans).

10912-68
NUCLEAR-POLYHEDROSIS VIRUSES IN CONTROL OF CORN EARWORM AND FALL ARMYWORM IN SWEET CORN.
J R Young J J Hamm
J Econ Entomol 59(2):382-384
Apr 1966 421 J822
Heliothis zea, Polyhedroses, Sweetcorn.

10913-68
SUMMARY WITH EMPHASIS ON TRENDS AND NEEDS IN RESEARCH.
R A Zabel
Phytopathology 54(3):275-278
Mar 1964 464.8 P56
Canker (trees), Tree pathology.
Paper presented at fifty-fifth annual meeting of American Phytopathological Society, August 28, 1963, Symposium on cankers of forest trees.

10914-68
METHODS OF ISOLATING PHYTOPHTHORA CINNAMOMI FROM SOIL AND FROM HOST TISSUE.
G A Zentmyer J D Gilpatrick W A Thorn
Phytopathology 50(1):87
Jan 1960 464.8 P56
Phytophthora cinnamomi.

Arthropods

10915-68
USDA COMBATS MELON FLY.
Agr Chem 19(2):109
Feb 1964 381 AG8
Dacus cucurbitae, Gamma rays, Sterilization.

10916-68
RESISTANCE OF F1 WHEAT PLANTS TO GREENBUGS AND HESSIAN FLY.
S H Abdel-Malke F G Heyne R H Painter
J Econ Entomol 59(3):707-710
Jun 1966 421 J822
Mayetiola, Plant pest resistance, Wheat.

10917-68
AUTUMN VERSUS SPRING SPRAYING OF UNSEASONED PINE LOGS WITH BHC.
W B Becker
J Econ Entomol 55(6):1020-1021
Dec 1962 421 J822
Benzene hexachloride, Insecticides, Logs, Pinus, Seasonal application.

10918-68
SEED TREATMENTS FOR CONTROL OF THE CYCLODIENE RESISTANT ROOT MAGGOT, HYLEMYA LITURATA, ATTACKING BEANS AND CORN.
J A Begg
J Econ Entomol 58(5):1012-1013
Oct 1965 421 J822
Beans, Corn, Cyclodiene, Diazinon, Seed treatment.

10919-68
INTEGRATED AND CHEMICAL CONTROL OF THE OYSTERSHELL SCALE IN MAINE.
L W Boulanger
J Econ Entomol 58(4):672-674
Aug 1965 421 J822
Insecticides, Lepidosaphes ulmi, Maine.

10920-68
STUDIES OF THE EFFECTS OF ALDRIN ON SEED RICE GERMINATION AND EMERGENCE.
C C Bowling
J Econ Entomol 57(1):83-85, BIBL.
Feb 1964 421 J822
Aldrin.

10921-68
CARBOHYDRATE CONCENTRATION AS A FACTOR IN THE RESISTANCE OF SQUASH VARIETIES TO THE PICKLEWORM.
C H Brett C L McCombs W R Henderson J D Rudder
J Econ Entomol 58(5):893-896
Oct 1965 421 J822
Carbohydrates, Squash.

10922-68
WIREWORMS IN SWEET POTATOES; RESISTANCE TO CYCLODIENE INSECTICIDES AND CONTROL WITH A MIDSUMMER APPLICATION OF INSECTICIDE OVER FOLIAGE.
C H Brett G D Jones D A Mount J D Rudder
J Econ Entomol 59(1):99-102
Feb 1966 421 J822
Cyclodiene, Diazinon, Elateridae, Foliage, Insecticides, Sweet potatoes.

10923-68
GROWTH AND DEVELOPMENT OF COTTON AS AFFECTED BY TOXAPHENE, DDT, METHYL PARATHION, AND CALCIUM ARSENATE.
L C Brown G W Cathey C Lincoln
J Econ Entomol 55(3):298-301, TABS.
Jun 1962 421 J822
Calcium arsenate, Cotton, DDT, Methyl parathion, Plant morphology, Toxaphene.

10924-68
EUROPEAN CORN BORER, GREEN PEACH APHID AND CABBAGE LOOPER CONTROL ON PEPPERS.
P P Burbutis D J Fieldhouse D F Crossan R S VanDenburgh
J Econ Entomol 55(3):285-288, TABS.
Jun 1962 421 J822
Myzus, Ostrinia, Redpeppers (vegetable), Trichoplusia.

10925-68
THE EFFECT OF PEAR PSYLLA, PSYLLA PYRICOLA CONTROL ON GROWTH AND SURVIVAL OF BARTLETT PEAR TREES ON TWO ROOT STOCKS.
E C Burts S G Kelly
J Econ Entomol 59(1):192-194
Feb 1966 421 J822
Bartlett pear, Growth, Psylla pyricola, Rootstocks.

10926-68
EFFECT OF FLOWER THRIPS ON ONION SEED PLANTS AND A STUDY OF THEIR CONTROL.
E C Carlson
J Econ Entomol 57(5):735-741, TABS.
Oct 1964 421 J822
Diazinon, Frankliniella tritici, Onions, Spermatophyta.

10927-68
MODE OF ACTION AND INSECTICIDAL VALUE OF A DIATOMACEOUS EARTH AS A GRAIN PROTECTANT.
S D Carlson H J Ball
J Econ Entomol 55(6):964-970, BIBL. 969-970, TABS.
Dec 1962 421 J822
Diatomaceous earth, Grain, Insecticides, Plant protection.

10928-68
CABBAGE LOOPERS AND IMPORTED CABBAGEWORMS; FEEDING DAMAGE AND CONTROL ON CABBAGE IN WESTERN NORTH CAROLINA.
R B Chalfant H Brett
J Econ Entomol 58(1):28-33
Feb 1965 421 J822
Cabbage, Endrin, Mevinphos, North Carolina, Pieris rapae, Trichoplusia ni.

10929-68
DI-SYSTON RESIDUES AND CONTROL OF PEA APHIS, ACYRTHOSIPHON PISUM, WITH IN-FURROW TREATMENTS OF CANNING PEAS IN NOVA SCOTIA.
D Chisholm H E Specht J S Leefe
J Econ Entomol 58(4):763-765, TABS.
Aug 1965 421 J822
Acyrthosiphon pisum, Disulfoton, Insecticide residues, Nova scotia, Peas.

10930-68
SYSTEMIC INSECTICIDES FOR THE CONTROL OF COTTON INSECTS.
C B Cowan Jr R L Ridgway J W Davis J K Walker W C Watkins Jr
J Econ Entomol 59(4):958-961, TABS.
Aug 1966 421 J822
Cotton insects, Systemic insecticides.

10931-68
CYCLAMEN MITE ERADICATION ON STRAWBERRY TRANSPLANTS.
M N Dana E R Oatman
J Econ Entomol 55(6):1000-1001
Dec 1962 421 J822
Steneotarsonemus pallidus, Strawberries, Transplanting.

10932-68
AN EVALUATION OF DAMAGE TO SOYBEANS BY BROWN AND GREEN STINK BUGS.
D M Daugherty M H Neustadt C W Gehrke L E Cavanah
L F Williams D E Green
J Econ Entomol 57(5):719-722, TABS.
Oct 1964 421 J822
Crop losses, Soybeans.

10933-68
THE SUSCEPTIBILITY OF SORGHUM TO ATTACK BY THE WEEVIL SITOPHILUS ORYZAE (L.)
P M Davey
Bull Entomol Res 56(2):287-297, TABS.
Dec 1965 421 B87
Plant injuries, Plant pest resistance, Rhynchophora, Sorghum.

10934-68
EVALUATION OF INSECTICIDES FOR CORN EARWORM CONTROL ON SWEET CORN.
L J Depew
J Econ Entomol 59(3):518-520
Jun 1966 421 J822
Heliothis zea, Insecticides, Sweetcorn.

10935-68
INSECTICIDE TESTS FOR CONTROL OF THE ARMY CUTWORM ATTACKING WHEAT IN WESTERN KANSAS.
L J DePew
J Econ Entomol 58(3):418-420
Jun 1965 421 J822
Chorizagrotis auxiliaris, Dieldrin, Endrin, Insecticides, Kansas, Wheat.

10936-68
HABITS AND CONTROL OF THE SORGHUM MIDGE, CONTARINIA SORGHICOLA, ON GRAIN SORGHUM.
G W Doering N M Randolph
J Econ Entomol 56(4):454-459, TABS.
Aug 1963 421 J822
Chemical control (insects), Contarinia, Insect behavior, Sorghum.

10937-68
TESTS WITH INSECTICIDES APPLIED TO THE SOIL AND FOLIAGE FOR TOBACCO FLEA BEETLE CONTROL.
C B Dominick
J Econ Entomol 55(6):874-876, TABS.
Dec 1962 421 J822
Epitrix hirtipennis, Insecticides, Leaves, Soils.

10938-68
SPRING AND FALL APPLICATIONS OF INSECTICIDES FOR ALFALFA WEEVIL CONTROL --1963-1964.
C K Dorsey
J Econ Entomol 59(3):735-738
Jun 1966 421 J822
Dieldrin, Dimetilan, Hypera postica, Insecticides, Malathion.

10939-68
INSECT DAMAGE TO ACORNS IN WEST VIRGINIA AND CONTROL STUDIES USING GRANULAR SYSTEMIC INSECTICIDES.
C K Dorsey E H Tryon K L Carvell
J Econ Entomol 55(6):885-888
Dec 1962 421 J822
Acorns, Granules, Insecticides, Plant injuries, Systemic insecticides.

10940-68
ALDRIN IN SOIL FOR NARCISSUS BULB FLY CONTROL.
C F Doucette
J Econ Entomol 55(4):564
Aug 1962 421 J822
Aldrin.

10941-68
AN EVALUATION OF POTATO LEAFHOPPER DAMAGE TO LIMA BEANS.
C J Eckenrode L D Litman
J Econ Entomol 56(5):551-553, TABS.
Oct 1963 421 J822
Empoasca, Lima beans.

10942-68
A SURVEY OF BEET LEAFHOPPER EGG PARASITES IN THE IMPERIAL VALLEY, CALIFORNIA.
R A Flock R L Doutt R C Dickson E H Laird Jr
J Econ Entomol 55(3):277-281
Jun 1962 421 J822
Eggs, Parasitic insects.

10943-68
INSECTICIDE TESTS FOR CONTROL OF MELON APHID AND MELONWORM ON CANTALOUPES.
J A Harding
J Econ Entomol 55(4):557-558
Aug 1962 421 J822
Aphis gossypii, Cantaloupes, Diaphania hyalinata, Insect control, Insecticides.

10944-68
INFESTATION OF SWEET CORN BY THE DUSKY SAP BEETLE, CARPOPHILUS LUGUBRIS.
F P Harrison
J Econ Entomol 55(6):922-925
Dec 1962 421 J822
Carpophilus lugubris, Insecticides, Pyrethrum, Sweetcorn.

10945-68
ON THE CONTROL OF CORN EARWORM, HELIOTHIS ZEA, AND DUSKY SAP BEETLE, CARPOPHILUS LUGUBRIS, IN SWEET CORN. (1)
F P Harrison
J Econ Entomol 55(5):671-674, TABS.
Oct 1962 421 J822
Carpophilus, Heliothis zea, Sweetcorn.

10946-68
GREEN PEACH APHID CONTROL ON TOBACCO WITH SYSTEMIC INSECTICIDE.
F P Harrison A W Wooldridge
J Econ Entomol 59(2):270-272
Apr 1966 421 J822
Bayer 25141, Dimetilan, Disulfoton, Myzus persicae, Phorate, Tobacco, Zinophos.

10947-68
GREENBUG INJURY TO RESISTANT AND SUSCEPTIBLE WINTER WHEAT IN THE FIELD.
T L Harvey J A Wilson
J Econ Entomol 55(2):258-260
Apr 1962 421 J822
Crop yields.

10948-68
CONSTITUENTS OF THE COTTON BUD, III, FACTORS THAT STIMULATE FEEDING BY THE BOLL WEEVIL.
P A Hedin A C Thompson J P Minyard
J Econ Entomol 59(1):181-185
Feb 1966 421 J822
Anthonomus grandis, Cotton, Feeding.

10949-68
TOXICITY OF SOME PESTICIDES TO PREDACIOUS ARTHROPODS IN ONTARIO PEACH ORCHARDS.
D H C Herne W L Putman
Can Entomol 98(9):936-942, BIBL. 941-942
Sep 1966 421 C16
Arthropoda, Orchards, Peaches, Pesticides, Predacious arthropods, Toxicology.

10950-68
PHORATE TREATMENTS AGAINST THE BEET LEAFHOPPER ON CANTALOUPES FOR PREVENTION OF CURLY TOP.
O A Hills D L Coudriet R W Brubaker
J Econ Entomol 57(1):85-89, TABS.
Feb 1964 421 J822
Circulifer tenellus, Curly top (cantaloupes), Phorate.

10951-68
PREVENTION OF BARK BEETLE DEVELOPMENT IN UNDESIRABLE ELMS FOR THE CONTROL OF DUTCH ELM DISEASE.
E P Himelick D Neely
Plant Dis Rep 45(3):180-184
15 Mar 1961 1.9 P69P
Dieback (ulmus), Insecticides.

10952-68
EVALUATION OF BARLEY VARIETIES FOR RESISTANCE TO THE CORN LEAF APHID.
T Hormchong E A Wood Jr
J Econ Entomol 56(1):113-114
Feb 1963 421 J822
Barley, Plant pest resistance, Rhopalosiphum maidis.

10953-68
RICP- AN EXPERIENCE IN VIRGIN ENTOMOLOGY.
L G K Iverson
J Econ Entomol 58(6):1152
Dec 1965 421 J822
Acrididae, Insect control, Insects.

10954-68
BEE POISONING VERSUS CLOVER SEED WEEVIL CONTROL IN WHITE DUTCH CLOVER GROWN FOR SEED.
C Johansen
J Econ Entomol 58(5):857-863
Oct 1965 421 J822
Bees, Endrin, Miccotrogus picirostris, Poisoning, White clover.

10955-68
ROLE OF 6-METHOXYBENZOXAZOLINONE IN INBRED RESISTANCE OF HOST PLANT (MAIZE) TO FIRST-BROOD LARVAE OF EUROPEAN CORN BORER.
J A Klun T A Brindley
J Econ Entomol 59(3):711-718
Jun 1966 421 J822
Methoxybenzoxazolinone, 6-, Ostrinia.

10956-68
TIMING OF TREATMENTS FOR CONTROL OF THE IRREGULAR PINE SCALE.
C S Koehler M E Kattoulas R L Campbell
J Econ Entomol 58(6):1102-1105, TABS.
Dec 1965 421 J822
Insecticide application, Irregular pine scale, Pinus radiata.

10957-68
THE BIOLOGY AND CONTROL OF BRINJAL (EGGPLANT) FRUIT AND SHOOT BORER, LEUCINODES ORBONALIS.
B S Lall S Q Ahmad
J Econ Entomol 58(3):448-451, BIBL. 450-451, TABS.
Jun 1965 421 J822
Eggplant fruit borer, Endrin, Insect biology, Insect control.

10958-68
THE MODE OF ACTION OF ENDRIN ON THE BEAN STEM MINER, MELANAGROMYZA SOJAE, WITH SPECIAL REFERENCE TO ITS TRANSLOCATION IN SOYBEAN PLANTS.
S Lee
J Econ Entomol 55(6):956-964, TABS.
Dec 1962 421 J822
Bean stem miner, Endrin, Insecticides, Plant translocation, Soybeans.

10959-68
EFFECT OF FORMULATION AND MODE OF APPLICATION OF ALDRIN ON THE LOSS OF ALDRIN AND ITS EPOXIDE FROM SOILS AND THEIR TRANSLOCATION INTO CARROTS.
E P Lichtenstein G R Myrdal K R Schulz
J Econ Entomol 57(1):133-136, TABS
Feb 1964 421 J822
Aldrin.

10960-68
ORCHARD AIR DUSTING AND DRIFT RESIDUES ON ADJACENT HAYFIELDS.
G B MacCollom
J Econ Entomol 55(6):999-1000, TABS.
Dec 1962 421 J822
Aerial dusting, Dusting, Hay, Insecticide residues.

10961-68
MODIFICATION OF THE RESISTANCE OF GINKGO BILOBA LEAVES TO ATTACK BY JAPANESE BEETLES.
R T Major H J Tietz
J Econ Entomol 55(2):272
Apr 1962 421 J822
Ginkgo biloba, Leaves, Popillia.

10962-68
FIELD TESTS WITH SEVERAL INSECTICIDES FOR CONTROL OF THE PINK BOLLWORM, BOLL WEEVIL, AND BOLLWORM.
R L McGarr A J Chapman D F Martin
J Econ Entomol 58(4):693-694
Aug 1965 421 J822
Anthonomus grandis, Heliothis zea, Insecticides, Pectinophora gossypiella.

10963-68
SUPPRESSION OF THE SARATOGA SPITTLEBUG, APHROPHORA SARATOGENSIS (FITCH), WITH MALATHION IN MICHIGAN PINE PLANTATIONS.
Imants Millers L F Wilson
J Econ Entomol 58(5):942-944
Oct 1965 421 J822
Malathion, Michigan, Pinus.

10964-68
CONTROL OF BOLLWORM ADULTS ON COTTON WITH INSECTICIDES.
E R Mitchell H R Agee H M Taft
J Econ Entomol 58(5):1030-1031
Oct 1965 421 J822
Carbaryl, Cotton, Ddt, Helicthis zea, Methyl parathion.

10965-68
EUROPEAN RED MITE CONTROL ON APPLES IN CALIFORNIA.
J L Nickel T T Wong
J Econ Entomol 59(1):217-219
Feb 1966 421 J822
Apples, Azinphosmethyl, Binapacryl, California, Chlorobenzilate, Dinocap, Ethion, Panonychus.

10966-68
STUDIES ON NATURAL CONTROL OF PEAR PSYLLA IN CALIFORNIA.
J I Nickel J T Shimizu T T Y Wong
J Econ Entomol 58(5):970-976
Oct 1965 421 J822
Natural control (insects), Psylla.

10967-68
INTERRELATIONS OF SQUASH BUG, ANASA TRISTIS, AND SIX VARIETIES OF SQUASH (CUCURBITA SPP.).
E S Nevero R H Painter C v Hall
J Econ Entomol 55(6):912-919, TABS.
Dec 1962 421 J822
Cucurbitaceae, Squash.

10968-68
BIONOMICS OF THE EYE-SPOTTED BUD MOTH, SPILONATA OCELLANA, ON CHERRY IN WISCONSIN.
E R Oatman E F Legner R F Brooks
J Econ Entomol 55(6):930-934, TABS.
Dec 1962 421 J822
Bionomics, Cherries, Spiloncta ocellana.

10969-68
BIOLOGICAL CONTROL OF THE TWO-SPOTTED SPIDER MITE ON STRAWBERRY IN SOUTHERN CALIFORNIA.
E R Oatman J A McMurtry
J Econ Entomol 59(2):433-439
Apr 1966 421 J822
Strawberries, Tetranychus.

10970-68
THE EFFECT OF BACILLUS THURINGIENSIS BERLINER ON SOME LEPIDOPTEROUS LARVAL PESTS, APPLE APHID AND PREDATORS, AND ON PHYTOPHAGOUS AND PREDACEOUS MITES ON YOUNG APPLE TREES.
E R Oatman
J Econ Entomol 58(6):1144-1147, TABS.
Dec 1965 421 J822
Apples, Bacillus thuringiensis, Insects, Lepidoptera, Mites.

10971-68
CONTROL STUDIES OF THE FOREST TENT CATERPILLAR, MALACOSOMA DISSTRIA, IN LOUISIANA.
A D Oliver
J Econ Entomol 57(1):157-160, TABS.
Feb 1964 421 J822
Insect control, Louisiana, Malacosoma disstria, Phosphamidon.

10972-68
EXPERIMENTAL CONTROL OF CHINCH BUGS ON CORN.
J B Polivka F Irons
J Econ Entomol 59(3):759
Jun 1966 421 J822
Blissus, Corn, Dimethoate, Malathion, Phorate.

10973-68
TOMATO YIELD RESPONSE OWING TO EARLY APPLICATIONS OF DIELDRIN.
J P Reed
J Econ Entomol 57(2):293-294, TABS.
Apr 1964 421 J822
Chemical control (insects), Crop yields, Dieldrin, Insecticide application, Tomatoes.

10974-68
NAVEL ORANGE WATER SPOT PROTECTION BY GIBBERELLIN.
L A Riehl C W Coggins Jr G E Carman
J Econ Entomol 59(3):615-618
Jun 1966 421 J822
Gibberellins, Oranges, Water spot.

10975-68
PESTICIDE PERFORMANCE ON STRAWBERRIES.
J G Rodriguez C E Chaplin J E Fahey
J Econ Entomol 55(2):184-188, TABS.
Apr 1962 421 J822
Chemical control (insects), Pesticides, Soil fumigation, Strawberries.

10976-68
CONTROL OF THE GREEN PEACH APHID ON TOBACCO WITH SYSTEMIC INSECTICIDES.
L B Savage F P Harrison
J Econ Entomol 55(5):623-626, TABS.
Oct 1962 421 J822
Myzus persicae, Systemic insecticides, Tobacco.

10977-68
NEW MITE WEAPON IS EMULSION FORM OF ESTABLISHED CHEMICAL.
H O Schroeder
Agr Chem 19(3):66
Mar 1964 381 AG8
Emulsions, Panonychus ulmi, Tetradifon.

10978-68
CONTROL OF THE GARDEN SYMPHYLAN, SCUTIGERELLA IMMACULATA, IN MINT.
C H Shanks Jr A J Howitt
J Econ Entomol 57(4):525-527, TABS.
Aug 1964 421 J822
Mentha, Nematocides, Scutigerella, Zinophos.

10979-68
EFFECTIVENESS OF TEPA-STERILIZED MEXICAN FRUIT FLIES RELEASED IN A MANGO GROVE.
J G Shaw M S Riviello
J Econ Entomol 58(1):26-28
Feb 1965 421 J822
Anastrepha, Chemosterilants, Mangoes, Sterility, Tepa.

10980-68
INSECTICIDAL CONTROL OF LYGUS BUGS AND EFFECT ON YIELD AND GRADE OF LIMA BEANS.
H H Shorey A S Deal M J Synder
J Econ Entomol 58(1):124-126
Feb 1965 421 J822
Crop yields, Insect control, Insecticides, Lima beans, Lygus bugs.

10981-68
INHERITANCE OF RESISTANCE TO WESTERN CORN ROOTWORM ADULTS IN FIELD CORN.
J A Sifuentes R B Painter
J Econ Entomol 57(4):475-477
Aug 1964 421 J822
Corn, Diabrotica virgifera, Plant genetics, Plant pest resistance.

10982-68
TETRANYCHID MITES AS DEFOLIATORS OF COTTON COTYLEDONS.
J N Simons
J Econ Entomol 57(1):145-148, TABS
Feb 1964 421 J822
Cotyledons, Defoliation.

10983-68
CONTROL OF THE PEACH TREE BORER ON YOUNG PEACH TREES BY PREPLANT TREATMENT WITH DDT, DIELDRIN, AND ENDOSULFAN.
E H Smith
J Econ Entomol 56(4):463-465, TABS.
Aug 1963 421 J822
Dieldrin, DDT, Endosulfan, Peaches, Preplant treatment, Sanninoidea exitiosa.

10984-68
THE WHITE COFFEE BORER, ANTHORES LEUCONOTUS PAAC., AND ITS CONTROL.
R G Tapley
Bull Entomol Res 51(2):279-302, BIBL. 299-301 TABS.
Jul 1960 421 E87
Coffee, Dieldrin, Insect control.

10985-68
THE DECLINE OF TOBACCO HORNWORM POPULATION ON CIGAR-WRAPPER TOBACCO.
W B Tappan
J Econ Entomol 58(4):771-772, TABS.
Aug 1965 421 J822
Cigar-wrapper tobacco, Insect population, Manduca quinquemaculata.

10986-68
INSECTICIDES TESTED FOR WIREWORM CONTROL ON CIGAR-WRAPPER TOBACCO.
W B Tappan
J Econ Entomol 59(5):1161-1163
Oct 1966 421 J822
Cigar-wrapper tobacco, Conoderus vespertinus, Insecticides, Southern potato wireworm.

10987-68
LABORATORY EVALUATION OF DIAZINON AS A WHEAT PROTECTANT.
H S Telford R W Zwick F Sikorowski M Weller
J Econ Entomol 57(2):272-275, TABS.
Apr 1964 421 J822
Chemical control (insects), Diazinon, Wheat.

10988-68
THE EFFECT OF INSECTICIDES, RATES, INTERVALS BETWEEN, AND NUMBER OF APPLICATIONS AND INSECTICIDE-OIL AND SURFACTANT COMBINATIONS FOR INSECT CONTROL ON SOUTHERN PEAS.
D A Wolfenbarger
J Econ Entomol 57(6):966-969, TABS.
Dec 1964 421 J822.
Cowpeas, Insecticide application, Insecticides, Insects, Oils, Surface-active agents.

10989-68
CONTROL MEASURES FOR THE LEAFHOPPER EMPOASCA KRAEMERI ON BEANS.
D O Wolfenbarger
J Econ Entomol 56(3):417-419, TABS.
Jun 1963 421 J822
Beans, Chemical control (insects).

10990-68
DIELDRIN LATTICES APPLIED BY AIRCRAFT FOR CONTROLLING HOPPERS OF THE RED LOCUST, NOMADACRIS SEPTEMFASCIATA (SERVILLE)
W N Yule
Bull Entomol Res 51(3):441-460
Nov 1960 421 E87
Aerial spraying, Dieldrin.

Nematodes

10991-68
PHOTONEGATIVE REACTION OF THE CHRYSANTHEMUM FOLIAR NEMATODE.
J R Bloom
Phytopathology 54(1):118-119
Jan 1964 464.8 P56
Aphelenchoides ritzema-bosi, Phototropism, Plant nematodes.

10992-68
THE PATHOGENICITY OF MEADOW NEMATODES AS DETERMINED BY THE GROWTH OF STRAWBERRY PLANTS IN A COMMERCIAL PLANTING.
A J Braun J A Keplinger
Phytopathology 50(4):239
Apr 1960 464.8 P56
Pathogenicity, Pratylenchus, Soil fumigation, Strawberries.

10993-68
THE EFFECTS OF MELOIDOGYNE INCOGNITA AND M. HAPLA ON THE GROWTH OF KENLAND RED CLOVER AND ATLANTIC ALFALFA.
R A Chapman
Phytopathology 50(3):181-182
Mar 1960 464.8 P56
Alfalfa, Meloidogyne, Phytophthora cinnamoni, Plant nematodes, Plant physiology, Red clover.

10994-68
EFFECTS OF MELOIDOGYNE INCOGNIA ACRITA, M. INCOGNITA INCOGNITA, AND M. HAPLA ON GARDENIA.
R A Davis W R Jenkins
Phytopathology 50(9):633
Sep 1960 464.8 P56
Gardenia.

10995-68
N, P, AND K IN LEAVES OF CITRUS TREES INFECTED WITH RADOPHOLUS SIMILIS.
A W Feldman E P DuCharme R F Suit
Plant Dis Rep 45(7):564-568, TABS.
15 Jul 1961 1.9 P69P
Citrus, Nematocides, Nitrogen, Phosphorus, Potassium, Radopholus similis.

10996-68
SEASONAL VARIATIONS OF NEMATODE POPULATIONS IN SOYBEAN FIELD SOIL.
V R Ferris R L Bernard
Plant Dis Rep 45(10):789-793, TABS.
15 Oct 1961 1.9 P69P
Helicotylenchus, Nematode populations, Paratylenchus, Plant nematodes, Soybeans, Tylenchorhynchus.

10997-68
FUMIGATION OF AGRICULTURAL PRODUCTS. XVIII. EFFECT OF METHYL BROMIDE ON THE BENT GRASS NEMATODE, ANGUINA AGROSTIS (STEINBUCH 1799) FILIPJEV 1936, AND ON THE GERMINATION OF BENT GRASS, AGROSTIS TENUIS.
N G M Hague
J Sci Food Agr 14(8):577-579
Aug 1963 382 S012
Agricultural products, Agrostis, Agrostis tenuis, Anguina agrostis, Fumigation, Methyl bromide, Nematodes, Seed germination.

10998-68
EFFECT OF PHOSPHORUS AND POTASSIUM NUTRITION OF SOUR CHERRY ON THE SOIL POPULATION LEVELS OF FIVE PLANT-PARASITIC NEMATODES.
J D Kirkpatrick W F Mai K G Parker E G Fisher
Phytopathology 54(6):706-712, BIBL. 711-712
Jun 1964 464.8 P56
Parasitism, Phosphorus, Plant nematodes, Plant nutrition, Potassium, Soil population, Sour cherries.

10999-68
YIELD RESPONSE OF BRUSSEL SPROUTS TO SOIL FUMIGATION FOR CONTROL OF SUGAR-BEET NEMATODE, HETERODERA SCHACHTII.
B Lear R H Sciaroni C B Atlee Jr W H Hart
Plant Dis Rep 45(9):739-741, TABS.
15 Sep 1961 1.9 P69P
Brussels sprouts, Crop yields, Dichloropropane dichloropropene mixture, Heterodera schachtii, Soil fumigation, Telone.

11000-68
ERADICATION OF THE BURROWING NEMATODE, RADOPHOLUS SIMILIS, FROM BANANAS.
C A Loos
Plant Dis Rep 45(6):457-461, BIBL. 460-461
15 Jun 1961 1.9 P69P
Bananas, Citrus, Radopholus similis.

11001-68
MECHANISM OF ACCUMULATION OF MELOIDOGYNE INCOGNITA ACRITA AROUND TOMATO SEEDLINGS.
B F Lownsberry D R Viglierchio
Phytopathology 50(2):178-179
Feb 1960 464.8 P56
Meloidogyne incognita acrita, Seedlings, Tomatoes.

11002-68
NEMATODE INDUCED GALLS FOUND ON THE ROOTS OF SEA LYME GRASS FROM ICELAND.
W F Mai
Plant Dis Rep 45(3):211
15 Mar 1966 1.9 P69P
Ditylenchus radicicola, Elymus arenarius, Iceland, Plant galls, Plant nematodes, Sea lyme grass.

11003-68
SUGAR BEET NEMATODE FOUND IN NEW YORK STATE.
W F Mai
Plant Dis Rep 45(2):151
15 Feb 1961 1.9 P69P
Beets, New york.

11004-68
PECTICLYTIC ENZYMES OF FREE-LIVING AND PLANT-PARASITIC NEMATODES.
C W Miller
Phytopathology 54(2):129
Feb 1964 464.8 P56
Plant nematodes, Proteinases.

11005-68
TOXICITY OF WATER EXTRACTS OF AMANITA MUSCARIA TO APHELENCHOIDES RITZEMA-BOSI.
P M Miller E M Stoddard
Plant Dis Rep 49(12):1017
Dec 1965 1.9 P69P
Amanita muscaria, Aphalenchoides ritzema-bozi, Plant extracts, Toxicology.

11006-68
POPULATION DYNAMICS OF 7 NEMATODE SPECIES UNDER 10 COTTON SELECTIONS.
E R Minton
Phytopathology 54(6):625
Jun 1964 464.8 P56
Cotton, Nematode population, Plant nematodes.

11007-68
EFFECT ON ROOT-KNOT NEMATODE POPULATIONS OF RESISTANT AND SUSCEPTIBLE COTTON.
N A Minton A L Smith
Phytopathology 50(11):784-787
Nov 1960 464.8 P56
Larvae, Plant nematode resistance, Root knot (cotton).

11008-68
EVALUATION OF AN EXPERIMENTAL NEMATOCIDE O,O-DIETHYL O-2-PYRAZINYL PHOSPHOROTHIOATE.
R E Motsinger
Plant Dis Rep 45(5):335-340, BIBL. 339-340
15 May 1961 1.9 P69P
Melcidogyne incognita acrita, Nematocides, O,O-diethyl O-2-pyrazinyl phosphorothioate.

11009-68
THE OCCURRENCE OF TYLENCHORHYNCHUS MAXIMUS IN GEORGIA.
W M Powell
Plant Dis Rep 48(1):70
15 Jan 1964 1.9 P69P
Georgia, Tylenchorhynchus maximus.

11010-68
STING NEMATODE IN ARKANSAS.
E D Riggs
Plant Dis Rep 45(5):392
15 May 1961 1.9 P69P
Arkansas, Belonolaimus, Pinus elliottii.

11011-68
SOYBEAN CYST NEMATODE CONTROL BY CROP ROTATION.
J P Ross
Phytopathology 50(9):652
Sep 1960 464.8 P56
Cowpeas, Crop rotation, Cyst nematodes (soybeans), Soybeans.

11012-68
PLANT-PARASITIC NEMATODES ASSOCIATED WITH PINE SPECIES IN SOUTHERN FORESTS.
J L Rueble
Plant Dis Rep 48(1):60-61
15 Jan 1964 1.9 P69P
Parasitism.

11013-68
NEMATODES ASSOCIATED WITH CARNATIONS IN A SURVEY OF COMMERCIAL GREENHOUSES.
A F Schindler
Plant Dis Rep 45(6):413-415
15 Jun 1961 1.9 P69P
Dianthus caryophyllus, Parasitism, Wilt (dianthus caryophyllus).

11014-68
POTATO LOSSES IN SOUTH CAROLINA DUE TO THE COTTON ROOT-KNOT NEMATODE, MELOIDOGYNE INCOGNITA ACRITA.
W R Sitterly G Fassuliotis
Plant Dis Rep 49(8):723
Aug 1965 1.9 P69P
Meloidogyne incognita acrita, Nematodes, Potatoes, Root-knot nematode, South Carolina.

11015-68
SOME EFFECTS OF STING AND STUBBY ROOT NEMATODES ON GRAPEFRUIT ROOTS.
M S Standifer V G Perry
Phytopathology 50(2):152-156
Feb 1960 464.8 P56
Grapefruit, Nematodes, Roots, Sting root nematodes, Stubby root nematodes.

11016-68
EFFECTS OF NEMATOCIDES ON PRATYLENCHUS PRATENSIS AND ALFALFA YIELDS.
G J Stessel
Phytopathology 50(9):656
Sep 1960 464.8 P56
Alfalfa.

11017-68
ASSOCIATION OF ROTYLENCHUS ROBUSTUS WITH DECLINE OF NURSERY PLANTS.
G J Stessel
Phytopathology 50(9):656
Sep 1960 464.8 P56
Nurseries, Plant nematodes.

11018-68
PARASITISM AND PATHOGENICITY OF THE RING NEMATODE CRICONEMOIDES CURVATUM ON GREENHOUSE CARNATION VAR. WHITE SIM.
H T Streu
Phytopathology 50(9):656
Sep 1960 464.8 P56
Carnation var. White Sim, Criconemoides curvatum, Greenhouse culture, Nematodes, Parasitism, Plant diseases.

11019-68
A COMPARISON OF PREPLANT SOIL TREATMENT CHEMICALS FOR CONTROL OF BURROWING NEMATODE IN CITRUS GROVES.
R F Suit
Plant Dis Rep 45(6):454-456
15 Jun 1961 1.9 P69P
Citrus, Preplanting treatment, Radopholus similis, Radopholus similis, Soil fumigation, Soil treatment.

11020-68
TREATMENT OF CITRUS TREES WITH CYNEM FOR CONTROL OF RADOPHOLUS SIMILIS.
R F Suit A W Feldman
Plant Dis Rep 45(10):782-786, TABS.
15 Oct 1961 1.9 P69P
Citrus, Cynem, Nematocides, Radopholus similis.

11021-68
LONGEVITY OF THE BURROWING NEMATODE, RADOPHOLUS SIMILIS, IN HOST-FREE SOIL.
A C Tarjan
Phytopathology 50(9):656-657
Sep 1960 464.8 P56
Longevity, Nematodes, Radophlus similis.

11022-68
FIRST REPORT OF ROOT-KNOT NEMATODES ON GRAPE-HYACINTH.
D P Taylor R L Norgren
Plant Dis Rep 45(9):746
15 Sep 1961 1.9 P69P
Ditylenchus dipsaci, Muscari, Root-knot nematodes.

11023-68
THE EFFECT OF WINTER CEREALS ON THE POPULATION LEVEL OF MELOIDOGYNE JAVANICA.
I J Thomason
Phytopathology 50(9):657
Sep 1960 464.8 P56
Grain, Meloidogyne javanica, Population.

11024-68
PREPLANT ONLY VERSUS A SECOND TREATMENT ONE YEAR LATER IN THE CONTROL OF ROOT KNOT ON THE PERENNIAL CARYOPTERIS.
J D Wilson O K Hedden J T Walker
Plant Dis Rep 45(5):380-383
15 May 1961 1.9 P69P
Caryopteris incana, Meloidogyne hapla, Preplanting treatment,

20 11025-68

Root-knot nematodes, 1,2-dibromo-3-chloropropane.

Weeds

11025-68
EXPERIMENTS IN HAND-WEEDING OF CONIFER SEEDBEDS IN FOREST NURSERIES.
J R Aldhous
Weed Res 1(1):59-67, 5 TABS.
Mar 1961 79.8 W412
Coniferae, Forest nurseries, Seedbeds, Weed control.

11026-68
THE FIFTH BRITISH WEED CONTROL CONFERENCE, 1960.
P J Ecyle
Weed Res 1(1):83-90
Mar 1961 79.8 W412
Symposia, Weed control.

11027-68
A REVIEW OF EXPERIMENTAL WORK WITH DIQUAT AND RELATED COMPOUNDS.
J F H Cronshey
Weed Res 1(1):68-77, 33 REFS.
Mar 1961 79.8 W412
Dihydro-8a, 10a-diazonia phenanthrene dibromide; 1,1'-, Diquat, Ethylene-2,2'-dipyridylium dibromide), 9,10-.

11028-68
BIOASSAY METHODS FOR 4-AMINO-3,5,6-TRICHLOROPICOLINIC ACID.
J K Leasure
J Sci Food Agr 16(7):II-15-4
Jul 1965 382 SO12
Amino-3,5,6-trichloropicolinic acid, 4-, Biological assay, Seedlings.

11029-68
STUDIES OF THE RESPONSE OF PLANTS TO ROOT-APPLIED HERBICIDES. I. THE EFFECT OF LOCALIZED APPLICATION (VARIATION HORIZONTAL).
R V Lyndsay G S Hartley
Weed Res 3(3):195-204, 8 PLS., 2 FIGS.
Sep 1962 79.8 W412
Barley, Flaxseed, Herbicides, Peas, Pesticide application, Roots.

11030-68
NEW MATERIALS APPEAR PROMISING FOR WEED CONTROL IN CORN AND BEANS.
A Zahachuk
Agr Chem 19(2):34
Feb 1964 3E1 AG8
Atrazine, Beans, Corn, Herbicides, Weed control, 2,4-d.

30 LIVESTOCK PROTECTION

11031-68
ABSTRACTS OF PAPERS FOR PRESENTATION AT THE 55TH ANNUAL NATIONAL MEETING OF THE AMERICAN SOCIETY OF ANIMAL SCIENCE.
J Anim Sci 22(3):815-868
Aug 1963 49 J82
Abstracts, Animal diseases.

Diseases

11032-68
STUDIES ON THE REQUIREMENTS AND INTERACTION OF COPPER AND IRON IN BROAD BREASTED BRONZE TURKEYS TO 4 WEEKS OF AGE.
Y Y Al-Ubaidi T W Sullivan
Poultry Sci 42(3):718-725, 15 REFS.
May 1963 47.8 AM33P
Copper, Iron, Turkeys.

11033-68
PULMONARY ARTERIOGRAPHIC STUDIES OF BOVINE HIGH MOUNTAIN DISEASE.
A F Alexander R Jensen
Amer J Vet Res 24(103):1094-1097, 11 REFS.
Nov 1963 41.8 AM3A
Brisket disease, Cattle, Radiography.

11034-68
PULMONARY VASCULAR PATHOLOGY OF HIGH ALTITUDE-INDUCED PULMONARY HYPERTENSION IN CATTLE.
A F Alexander R Jensen
Amer J Vet Res 24(103):1112-1121, 29 REFS., 2 TABS.
Nov 1963 41.8 AM3A
Altitude, Arteries, Cattle, Hypertension.

11035-68
TRANSDUCTION OF STREPTOCOCCUS LACTIS.
L K Allen P R Elliker W E Sandine
J Dairy Res 30(3):351-357, 15 REFS.
Oct 1963 44.8 J823
Autolysis, Lactic acid bacteria, Transduction.

11036-68
INTRAOCULAR TUMORS IN ANIMALS. V. TRANSMISSIBLE VENEREAL TUMORS OF DOGS.
C N Barron L Z Saunders H R Seibold M K Heath
Amer J Vet Res 24(103):1263-1269, 14 REFS.
Nov 1963 41.8 AM3A
Dogs, Eyes, Neoplasms, Venereal diseases.

11037-68
AVIAN ERYTHROBLASTOSIS. II. UPTAKE OF FE59 BY TUMOR CELLS.
R Bather L Niilo C le Q Darcel
Can J Comp Med Vet Sci 24(11):326-329, 4 REFS.
Nov 1960 41.8 C162
Avian erythroblastosis, Ferric chloride, Ferrous citrate, Leghorn chickens, Tumor cells.

11038-68
ROLE OF MAGNESIUM IN BRUCELLACIDAL ACTIVITY OF BOVINE SERUM.
R J Bienvenu J M Hyde V F Young M L Gibson D E Perry
Amer J Vet Res 24(99):313-316, 8 REFS., 5 TABS.
Mar 1963 41.8 AM3A
Brucellosis, Cattle, Magnesium, Serum.

11039-68
A CONGENITAL CYCLOPIAN-TYPE MALFORMATION IN LAMBS INDUCED BY MATERNAL INGESTION OF A RANGE PLANT, VERATRUM CALIFORNICUM.
W Binns L James J L Shupe G Everett
Amer J Vet Res 24(103):1164-1174, 9 REFS., 5 TABS.
Nov 1963 41.8 AM3A

Abnormalities, Lambs, Veratrum.

11040-68
REVIEWS CF THE PROGRESS OE DAIRY SCIENCE. SECTION E.
DISEASES CF DAIRY CATTLE.
D S Blackburn
J Dairy Res 27:435-459, 258 REES.
1960 44.8 J823
Brucellcsis, Dairy cattle, Mastitis, Reviews, Streptococcus.

11041-68
AN IMMUNITY STUDY CN A REINDEER HERD.
W D Boltcn R M Murray
Amer J Vet Res 25(109):1783-1785, 4 REFS
Nov 1964 41.8 AM3A
Immunity, Reindeer.

11042-68
AN ABNORMALITY OE THE PROVENTRICULUS AND GIZZARD OF CHICKS.
H D Eranicn
Poultry Sci 42(3):736-743, 44 REFS.
May 1963 47.8 AM33P
Chicks, Gizzard, Proventriculus.

11043-68
STAPHYLCCCCCIC ANTITCXINS IN DAIRY CATTLE. IV. THEIR
CCCURRENCE IN THE BLCOD OF COWS EREE OF STAPHYLCCOCCIC UDDER
INEECTICNS.
R W Brown E K Scherer
Amer J Vet Res 24(98):88-90, 11 REFS., 1 TAB.
Jan 1967 41.8 AM3A
Antitcxins, Dairy cattle.

11044-68
AVIAN DISEASES IN GUATEMALA.
W M Ccrrea
Poultry Sci 42(3):559-561
May 1963 47.8 AM33P
Birds, Guatemala.

11045-68
BICCHEMICAI AIDS TO THE GENETIC TYPING OE SHEEP-A EURTHER
NOTE.
C le Ç Larcel J K Simpson R J Avery
Can J Ccmp Med Vet Sci 25(1):13-14, 4 REFS., 2 TABS.
Jan 1961 41.8 C162
Animal genetics, Hemoglcbin, Potassium, Sheep.

11046-68
AVIAN ERYTHRCEIASICSIS. III. SOME HEMATOLOGICAL
OBSERVATIONS BEARING ON THE INCREASED IRCN TURNOVER.
C le Ç Larcel
Can J Ccmp Med Vet Sci 25(1):19-23, 20 REFS., 1 TAB.
Jan 1961 41.8 C162
Avian erythroblastcsis, Chicks, Hematology, Iron.

11047-68
THE PATHCGENESIS CF CVINE PNEUMCNIA. III. ISOLATICN OF VI-
RUS ERCM EACES CGMPARISCN OF PNEUMONIA CAUSED BY EAECAL
ENZOOTIC ABCRTION AND PNEUMONITIS VIRUSES.
D L Dungworth D R Cordy
J Comp Pathol 72(1):71-79, 22 REFS.
Jan 1962 41.8 J82
Enzcotic abortion virus, Eeces, Miyagawanella group viruses,
PLV group viruses, Pneumonia, Sheep.

11048-68
A CCMPARISCN OF SCME PROPERTIES OE LARYNGOTRACHEITIS AND
HERPES SIMPLEX VIRUSES.
J E Fitzgerald L E Hanson
Amer J Vet Res 24(103):1297-1303, 16 REFS., 2 TABS.
Nov 1963 41.8 AM3A
Herpes simplex virus, Infectious laryngotracheitis virus.

11049-68
FOOT-AND-MOUTH DISEASE VACCINE--THE PRODUCTION OF ANTIGEN IN
CULTURED CELLS IN THE ABSENCE OE SERUM.
J H Graves
Amer J Vet Res 24(98):183-186, 10 REFS., 2 TABS.
Jan 1963 41.8 AM3A
Foot-and-mouth disease virus, Vaccines.

11050-68
EEEECT CF HEPARIN CN HCRMONAL CCNTROL OF LEUKOCYTIC
EMIGRATICN IN THE RABBIT UTERUS.
H W Hawk G D Turner T H Brinsfield
Amer J Vet Res 24(99):352-353, 8 REES.
Mar 1963 41.8 AM3A
Heparin, Rabbits, Uterus.

11051-68
REQUIREMENTS FOR PCULTRY VACCINES.
T H Hawkins
Amer Vet Med Ass J 149(12):1774-1776
Dec 1966 41.8 AM3
Erysipelas bacterins, Mycoplasma gallisepticum antigens,
Pasteurella bacterins, Poultry, Pullorum antigens, Vaccines.

11052-68
ARTIFICIAL STIMULATICN OF RESISTANCE TO BOVINE VIBRICSIS.
A B Hoerlein T Kramer
Amer J Vet Res 24(102):951-954, 13 REFS., 1 TAB.
Sep 1963 41.8 AM3A
Cattle, Immunity, Pregnancy, Vibriosis.

11053-68
CONCEPTS OF PATHOGENESIS AND PASSIVE IMMUNITY IN
TRANSMISSABLE GASTROENTERITIS OE SWINE.
B E Hooper E O Haelterman
Amer Vet Med Ass J 149(12):1580-1586, 16 REFS.
Dec 1966 41.8 AM3
Baby pigs, Immunity.

11054-68
THE LEVEL OF SERUM CONGLUTINATING ACTIVITY IN HEALTHY AND
INEECTED DOGS.
D G Ingram
Cornell Vet 53:167-180, 9 REFS., 2 TABS., 2 FIGS.
1963 41.8 C81
Canine distemper, Dogs, Immunoconglutinin,
Infectious canine hepatitis.

11055-68
SEROLOGIC STUDIES WITH THE VIRUS OF VESICULAR STOMATITIS II.
TYPING OF VESICULAR STOMATITIS CCNVALESCENT SERUM BY DIRECT
COMPLEMENT FIXATION.
E W Jenney L O Mott
Amer J Vet Res 24(101):874-879, 5 REFS., 3 TABS.
Jul 1963 41.8 AM3A
Cattle, Complement fixaticn, Eggs, Serodiagnosis,
Vesicular stomatitis virus.

11056-68
USE OF AMPHOTERICIN EOR THE PREVENTION OF MONILIASIS (CROP
MYCOSIS) IN CHICKS AND TURKEYS.
S G Kahn H Weisblatt
Poultry Sci 42(3):732-735, 7 REES.
May 1963 47.8 AM33P
Amphotericin, Chicks, Moniliasis, Turkeys.

11057-68
CHARACTERIZATION OE BLOOD SERUM PROTEINS FROM MINK WITH
ALEUTIAN DISEASE.
A J Kenyon G Trautwein C E Helmboldt
Amer J Vet Res 24(98):168-172, 19 REFS., 1 TAB.
Jan 1963 41.8 AM3A
Aleutian disease, Blood proteins, Minks.

11058-68
THE INFLUENCE OF VARIOUS DRUGS ON THE GROWTH AND BETA-AMINO-
PROPIONITRILE-INDUCED DISSECTING ANEURYSM OF TURKEYS.
L M Krista R E Burger P E Waibel
Poultry Sci 42(2):522-526, 16 REFS
Mar 1963 47.8 AM33P
Aneurysms, Arfonad, Ilidar, Reserpine, Roniacol, Tranimal,
Trifluoperazine, Turkeys.

11059-68
STUDIES ON BRUCELLA ABORTUS INEECTION IN BULLS.
G Lambert C A Manthei B L Deyoe
Amer J Vet Res 24(103):1152-1156, 13 REFS.
Nov 1963 41.8 AM3A
Brucellosis, Bulls.

11060-68
STUDIES OF THE ETIOLOGIC AGENTS OE INFECTIOUS BOVINE
RHINOTRACHEITIS AND BLASCHENAUSSCHLAG (COITAL VESICULAR
EXANTHEMA).
D G McKercher
Amer J Vet Res 24(100):501-508, 18 REFS., 2 TABS
May 1963 41.8 AM3A
Cattle, Immunology, Infectious bovine rhinotracheitis virus.

11061-68
EXPERIMENTAL IMMUNIZATION AGAINST OVINE VIBRIOSIS. II.
FORMALIN-KILLED VIBRIO FETUS ADJUVANT VACCINES.
V A Miller R Sensen
Amer J Vet Res 24(98):65-68, 1 REF., 2 TABS.
Jan 1963 41.8 AM3A
Immunization, Sheep, Vibrio fetus bacterins, Vibriosis.

30 11062-68

11062-68
STUDIES ON PATHOGENIC PORCINE ENTEROVIRUSES. I. PRELIMINARY INVESTIGATIONS.
D Mitchell A H Corner G L Bannister A S Grieg
Can J Comp Med Vet Sci 25(4):85-93, 7 REFS., 2 TABS.
Apr 1961 41.8 C162
Enteroviruses, Poliencephalomyelitis, Swine.

11063-68
MICROSPECTROPHOTOMETRIC COMPARISON OF DEOXYRIBONUCLEIC ACID WITH ARGININE IN DOG KIDNEY CELLS INFECTED WITH INFECTIOUS CANINE HEPATITIS VIRUS.
J E Moulton
Amer J Vet Res 24(102):1007-1010, 13 REFS.
Sep 1963 41.8 AM3A
Arginine, Dna viruses, Dogs,
Infecticus canine hepatitis virus, Spectrophotometry.

11064-68
SEROLOGICAL STUDIES ON PASTEURELLA MULTOCIDA. V. SOME EPIZOOTIOLOGICAL FINDINGS RESULTING FROM O ANTIGENIC ANALYSIS.
S. Namioka M. Murata
Cornell Vet 54:520-534, 18 REFS., 9 TABS.
1964 41.8 C81
Fowl cholera, Pasteurella, Shipping fever.

11065-68
THE SEPARATION AND CHARACTERIZATION OF TWO ENTERIC CYTOPATHIC BOVINE VIRUSES ISOLATED FROM A SAMPLE OF BOVINE FECES.
R A Niederman R E Luginbuhl C F Helmboldt
Cornell Vet 53:550-560, 19 REFS., 1 TAB., 2 FIGS.
1963 41.8 C81
Cattle, Enteric cytopathogenic bovine viruses.

11066-68
EXPERIMENTS WITH PSEUDOMONAS AERUGINOSA ON VITAMINA DEFICIENT CHICKENS.
L Niilo M Bezeau
Can J Comp Med Vet Sci 25(2):42-44, 7 REFS., 2 TABS.
Feb 1961 41.8 C162
Avitaminosis, Chickens, Pseudomonas, Vitamin A.

11067-68
OBSERVATIONS ON PORCINE MELIODIOSIS IN MALAYA.
A R Omar C K Kheong T Mahendranathan
Brit Vet J 118(10):421-429, BIBL. 429, TABS.
Oct 1962 41.8 V643
Malaya, Melioidosis, Swine.

11068-68
THE DISTRIBUTION OF SOME PSITTACOSIS-LYMPHOGRANULOMA GROUP VIRUSES IN EXPERIMENTALLY INFECTED PREGNANT GUINEA PIGS.
H D Parker R L Younger
Amer J Vet Res 24(99):367-370, 20 REFS., 1 TAB.
Mar 1963 41.8 AM3A
Guinea pigs.

11069-68
AN OUTBREAK OF BOVINE MASTITIS DUE TO STREPTOCOCCI (GROUP O LANCEFIELD).
R R Pascoe
Can J Comp Med Vet Sci 25(10):255
Oct 1961 41.8 C162
Dairy cattle, Mastitis, Streptococcus bacterins.
The Australian Veterinary Journal 37, 227, 1961.

11070-68
THE ROLE OF THE BURSA OF FABRICIUS IN DEVELOPING IMMUNITY IN CHICKENS TREATED WITH SALMONELLA TYPHIMURIUM AND SPIROCHAETA GALLINARUM.
M Perek A E Drill
Brit Vet J 118(9):390-393
Sep 1962 41.8 V643
Chickens, Immunization, Salmonella, Spirochaeta.

11071-68
NIDRAFUR IN 'AIR SAC DISEASE' PREVENTION.
T V Raines D B Porter
Poultry Sci 42(2):403-405, 20 REFS.
Mar 1963 47.8 AM33P
Chickens, Chronic respiratory disease, Nidrafur.

11072-68
THE EXPERIMENTAL INFECTION OF CATTLE WITH MYCOBACTERIUM JOHNEI. IV. ADULT CATTLE MAINTAINED IN AN INFECTIOUS ENVIRONMENT.
J D Rankin
J Comp Pathol 72(2):113-117, 2 REFS.
Apr 1962 41.8 J82

Calves, Cattle, Johne's disease, Mycobacterium.

11073-68
BOVINE LEPTOSPIROSIS IN ALABAMA- A FIVE YEAR STUDY.
C S Roberts L W Turner J H Livingston
Amer Vet Med Ass J 139(8):877-883, 11 REFS., 4 TABS.
15 Oct 1961 41.8 AM3
Agglutination test, Cattle, Leptospirosis, Lysis.

11074-68
ASTEROID HYALOSIS IN THE DOG.
L F Rubin
Amer J Vet Res 24(103):1256-1262, 23 REFS., 2 TABS.
Nov 1963 41.8 AM3A
Dogs, Vitreous body.

11075-68
RELATIONSHIP OF OVINE TO BOVINE ANAPLASMOSIS.
J F Ryff J L Weibel G M Thomas
Cornell Vet 54:407-414, 6 REFS., 1 FIG.
1964 41.8 C81
Anaplasmosis, Cattle, Sheep.

11076-68
ALGAL POISONING IN SASKATCHEWAN.
V E Senior
Can J Comp Med Vet Sci 24(1):36-41, 12 REFS.
Jan 1960 41.8 C162
Algae, Livestock, Poisoning.

11077-68
STUDIES OF SERUM AND EGG YOLK CHOLESTEROL LEVEL OF HENS IMMUNIZED AGAINST NEWCASTLE DISEASE.
A Shiavo
Poultry Sci 42(2):531-533, 8 REFS.
Mar 1963 47.8 AM33P
Chickens, Cholesterol, Newcastle disease vaccines.

11078-68
PERSISTENCE OF LEPTOSPIRA POMONA IN PORCINE TISSUES.
S D Sleight A M Lundberg
Amer Vet Med Ass J 139(4):455-456, 18 REFS.
15 Aug 1961 41.8 AM3
Baby pigs, Leptospira pomona, Meningitis.

11079-68
BOVINE DEMODICIDOSIS. I. INCIDENCE IN ONTARIO.
H J Smith
Can J Comp Med Vet Sci 25(7):165-169, 41 REFS., 7 TABS.
Jul 1961 41.8 C162
Canada, Cattle, Demodectic mange.

11080-68
BOVINE DEMODICIDOSIS II. CLINICAL MANIFESTATIONS IN ONTARIO.
H J Smith
Can J Comp Med Vet Sci 25(8):201-204, 25 REFS., 1 TAB.
Aug 1961 41.8 C162
Canada, Cattle, Demodectic mange.

11081-68
THE DIAGNOSIS OF HOG CHOLERA BY A FLUORESCENT ANTIBODY TEST.
R F Solorzano J E Thigpen D M Bedell W L Schwartz
Amer Vet Med Ass J 149(1):31-34, 8 REFS., 1 TAB.
Jul 1966 41.8 AM3
Fluorescent antibody technic, Hog cholera virus, Swine.

11082-68
HEMATOPOIETIC TUMORS OF DOMESTIC ANIMALS.
R A Squire
Cornell Vet 54:97-150, 208 REFS., 13 FIGS.
1964 41.8 C81
Cats, Cattle, Dogs, Goats, Hodgkin's disease, Horses, Lymphoma, Lymphosarcoma, Mastocytoma, Monkeys, Rabbits, Sheep.

11083-68
INVESTIGATIONS ON TRANSMISSABILITY OF MORAXELLA BOVIS BY THE FACE FLY.
P C Steve J H Lilly
J Econ Entomol 58(3):444-446
Jun 1965 421 J822
Cattle, Infectious keratitis, Insect vectors, Moraxella bovis (Hauduroy), Musca autumnalis.

11084-68
A RAPID COMPLEMENT-FIXATION TEST FOR IDENTIFICATION OF VESICULAR STOMATITIS VIRUS IN CATTLE.
S s Stone P D DeLay
Amer J Vet Res 24(102):1060-1062, 8 REFS., 1 TAB
Sep 1963 41.8 AM3A

Cattle, Complement fixation, Vesicular stomatitis virus.

11085-68
NONSPECIFIC POLYARTHRITIS SECONDARY TO PRIMARY SYSTEMIC INFECTION IN CALVES.
R W VanPelt R F Langham
Amer Vet Med Ass J 149(5):505-511, 18 REFS., 2 TABS.
Sep 1966 41.8 AM3
Arthritis, Calves.

11086-68
PRELIMINARY STUDIES ON THE TECHNIQUE OF PASSIVE HEMAGGLUTINATION WITH THE INFECTIOUS BRONCHITIS VIRUS OF CHICKENS.
F J Vasington N C Larfer A F Holst H M De Volt
Poultry Sci 42(3):634-636, 8 REFS.
May 1963 47.8 AM33F
Chickens, Hemagglutination, Infectious bronchitis.

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THE EFFECT OF DIETHYSTILBESTROL IMPLANTATION ON THE REPRODUCTIVE ORGANS AND ON THE POTENTIAL STERILIZATION OF INTACT BULL CALVES.
R Volcani Y Folman
Can J Comp Med Vet Sci 25(4):103
Apr 1961 41.8 C162
Calves, Diethylstilbestrol dipropionate, Reproductive organs, Sterility.
Refuah Veterinarith, 17:165, 1960

11088-68
MUSCULAR DYSTROPHY IN LAMBS IN NEW SOUTH WALES.
D J Walker A N A Harris E A Fairleigh B P Setchell
Can J Comp Med Vet Sci 25(9):227
Sep 1961 41.8 C162
Lambs, Muscular dystrophy, Selenium, Sodium selenite.
Austral. Vet.J. 37:172, 1961

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TRANSMISSIBLE GASTROENTERITIS OF SWINE: PROPERTIES OF A VACCINE AND IMMUNOLOGIC ASPECTS IN THE SOW AND PIG.
C J Welter E Laun H Head
Amer Vet Med Ass J 149(12):1587-1590, 5 REFS., 4 TABS.
Dec 1966 41.8 AM3
Swine, Transmissible gastroenteritis, Vaccines.

11090-68
DESTRUCTION OF BACILLUS SUBTILIS SPORES WITH SOLUTIONS OF SODIUM HYDROXIDE.
R I Whitehouse I F L Clegg
J Dairy Res 30(3):315-322, 9 REFS.
Oct 1963 44.8 J823
Bacillus subtilis, Decontamination, Sodium hydroxide, Spores.

11091-68
VARIATIONS IN PERIPHERAL NERVE HISTOPATHOLOGY IN FOWL PARALYSIS.
P A L Wight
J Comp Pathol 72(1):40-48, 19 REFS.
Jan 1962 41.8 J82
Avian lymphomatosis.

11092-68
AN ANTIGENIC ANALYSIS OF VIBRIO FETUS. II.FURTHER CHARACTERIZATION OF THE PRECIPITATINE ANTIGENS.
A J Winter
Amer J Vet Res 24(98):193-198, 7 REFS., 4 TABS.
Jan 1963 41.8 AM3A
Antigens, Chromatography, Hemagglutination, Vibriosis.

11093-68
A SURVEY OF SELENIUM TREATMENT IN LIVESTOCK PRODUCTION.
E Wolf V Kollonitsch C H Kline
J Agr Food Chem 11(4):355-360
Jul 1963 381 J8223
Livestock, Livestock diseases, Selenium, White muscle disease.

11094-68
ACUTE HEMORRHAGIC PANCREATIC NECROSIS IN A DOG.
A Wolff
Amer Vet Med Ass J 139(9):1005-1006, 4 REFS.
01 Nov 1961 41.8 AM3
Dogs, Hemorrhage, Necrosis, Pancreas.

11095-68
TOXICOLOGIC STUDIES AND ASSOCIATED CLINICAL AND HEMATOLOGIC EFFECTS OF APHOLATE (AN ALKYLATING AGENT) IN SHEEP--A PRELIMINARY REPORT.
R L Younger J E Young
Amer J Vet Res 24(101):659-669, 6 REFS., 5 TABS.
Jul 1963 41.8 AM3A
Apholate, Sheep.

Arthropods

11096-68
THE METABOLISM OF P32-LABELED SHELL SD-4294 IN A LACTATING EWE.
W F Chamberlain
J Econ Entomol 57(1):119-121, TABS.
Feb 1964 421 J822
Ciodrin, Metabolism, Radioactive tracers, Sheep.

11097-68
FACE FLY CONTROL EXPERIMENTS ON QUARTER HORSES - 1962-64.
C K Dorsey
J Econ Entomol 59(1):86-89
Feb 1966 421 J822
Azinphosmethyl, Corn syrup, Diazinon, Dichlorvos, Horses, Imidan, Mineral oil, Musca, Tabatrex, Trichlorfon.

11098-68
FURTHER EVALUATION OF ANIMAL SYSTEMIC INSECTICIDES, 1964.
R O Drummond
J Econ Entomol 58(4):773-776
Aug 1965 421 J822
Insecticides, Systemic insecticides.

11099-68
ADDITIONAL TESTS WITH INSECTICIDES FOR THE CONTROL OF THE TROPICAL HORSE TICK ON HORSES IN FLORIDA.
R O Drummond J M Ossurio
J Econ Entomol 59(1):107-110
Feb 1966 421 J822
Anocentor nitens, Dri-die, Horses, Insecticides, Olive oil, Florida.

11100-68
SUBSTANTIVITY OF PYRETHRINS I AND II TO CATTLE SKIN AND HAIR: BEHAVIOR OF PYRETHRINS IN A CATTLE SPRAY RACE.
A A Goldberg H J Smith
J Sci Food Agr 14(7):519-524, TABS.
Jul 1963 382 SO12
Blue tick, Boophilus decoloratus, Cattle, Hair, Pyrethrum, Skin, Spraying.

11101-68
FIELD OBSERVATIONS ON THE 'EXHAUSTION' OF SUSPENSION AND EMULSION SHEEP DIP FORMULATIONS.
N P H Graham
J Sci Food Agr 12(11):796-804, TABS.
Nov 1961 382 SO12
Benzene hexachloride, Dieldrin.

11102-68
THE DEPLETION OF INSECTICIDE IN SHEEP-DIPPING BATHS: FURTHER FIELD TRIALS.
I R Harrison P G Mashall
J Sci Food Agr 12(8):548-552
Aug 1961 382 SO12
Aldrin, Dieldrin.

11103-68
CONTROL OF FACE FLIES ATTACKING COMMERCIAL DAIRY HERDS.
R D Holdsworth
J Econ Entomol 55(1):146-147
Feb 1962 421 J822
Dairy cattle, Insect control.

11104-68
LOW CONCENTRATION OF COUMAPHOS AND TRICHLORFON SPRAY TREATMENTS FOR CONTROL OF THE CATTLE LICE SOLENOPOTES CAPILLATUS AND BOVICOLA BOVIS.
F W Knapp
J Econ Entomol 58(3):585-586
Jun 1965 421 J822
Bovicola bovis, Coumaphos, Insecticide application, Little blue cattle louse, Trichlorfon.

11105-68
POLYMER-INSECTICIDE SYSTEMS FOR USE AS LIVESTOCK FEED ADDITIVES.
J E Lloyd Matthysse
J Econ Entomol 59(2):363-367
Apr 1966 421 J822
Cattle, Feed, Feed additives, Gastrointestinal system, Insecticides, Larvicides.

11106-68
CHRONIC TOXICITY OF DIMETHOATE TO HENS.
M. Sherman E Ross F F Sancher M T Y Chang
J Econ Entomol 56(1):10-15
Feb 1963 421 J822
Chickens, Dimethoate, Toxicology.

11107-68
SPRAY AND POUR-ON APPLICATION OF SYSTEMIC INSECTICIDES FOR CONTROL OF CATTLE GRUBS IN VIRGINIA.
E C Turner Jr
J Econ Entomol 55(4):564-565
Aug 1962 421 J822
Hypoderma, Insecticide application, Systemic insecticides, Virginia.

11108-68
TOLERANCE OF CATTLE TO DIAZINON SPRAYS APPLIED AT WEEKLY INTERVALS.
R L Younger R D Radeleff
J Econ Entomol 56(5):592-593
Oct 1963 421 J822
Cattle, Diazinon, Insecticide application.

Parasites

11109-68
PRELIMINARY STUDIES ON THE ANTHELMINTIC EFFECTS OF 2,6-DIIODO-4-NITROPHENOL AGAINST THE GAPEWORM, SYNGAMUS TRACHEA.
R J Boisvenue
Amer J Vet Res 24(102):1038-1042, 1 REF., 4 TABS.
Sep 1963 41.8 AM3A
Diiodo-4-nitrophenol, 2,6-.

11110-68
EFFECT OF A SUBCLINICAL INFECTION OF NEMATODIRUS SP. UPON THE LIVEWEIGHT GAIN OF LAMBS.
R V Brunsdon
Can J Comp Med Vet Sci 25(12):308
Dec 1961 41.8 C162
Lambs, Nematodiasis, Weights.
New Zealand Vet. J. 9:12, 1961

11111-68
THE COMPLEMENT FIXING ANTIBODY RESPONSE OF CALVES TO DICTYOCAULUS VIVIPARUS. III. VACCINATED CALVES EXPOSED CHALLENGE.
R I Cornwell
J Comp Pathol 70(1):499-513, 8 FIGS.
Jan 1960 41.8 J82
Calves, Dictyocaulus, Larvae, Vaccines.

11112-68
GASTROINTESTINAL HELMINTHS IN MARKET WEIGHT PIGS.
S M Gaafar
Amer Vet Med Ass J 140(9):960
01 May 1962 41.8 AM3
Ascaris, Oesophagostomiasis, Swine.
Am. J. Vet. Res., 22, (July, 1961):746-748.

11113-68
EFFECTS OF A SINGLE DOSE OF STRONGYLOIDES LARVAE ON WEANLING PIGS.
O M Hale W N Smith
J Anim Sci 22(1):237, NO.6
Feb 1963 49 J82
Baby pigs, Strongyloidiasis.

11114-68
THE ANTHELMINTIC ACTIVITY OF O,O-DIMETHYL-O,1,2-DIBROMO-2,2-DICHLOROETHYL PHOSPHATE FOR DIPYLIDIUM CANINUM IN DOGS.
W F Kuebler D L Ferguson A I Goldsby
Cornell Vet 54:206-217, 10 REFS., 3 TABS., 3 FIGS.
1964 41.8 C81
Anthelmintics, Dimethyl-/,1,2-dibromo-2,2-dichloroethyl phosphate, O,O-, Dipylidium, Dogs, Naled.

11115-68
THIABENDAZOLE THERAPY OF PHEASANTS AFFECTED WITH GAPEWORMS.
L Leibovitz
Amer Vet Med Ass J 140(12):1310-1313, 3 REFS., 3 TABS.
15 Jun 1962 41.8 AM3
Barium, Pheasants, Syngamus trachea, Thiabendazole.

11116-68
SOME OBSERVATIONS ON THE FEEDING OF TICKS ON EXPERIMENTAL ANIMALS WITH SPECIAL REFERENCE TO THE PILL BOX METHOD.
U Rau
J Med Entomol 2(1):58-60
Apr 1965 421 J828
Insect behavior, Insect cages, Insect vectors.

11117-68
LARVAE OF OESTRUS OVIS IN THE EARS OF A SHEEP.
I H Roberts H P Colbenson
Amer J Vet Res 24(100):628-630, 4 REFS.
May 1963 41.8 AM3A
Myiasis, Sheep.

11118-68
THERAPEUTIC RESULTS OF THE USE OF THIABENDAZOLE AGAINST STRONGYLES IN HORSES.
S J Roberts J Bentinck-Smith
Cornell Vet 54:291-292, 6 REFS.
1964 41.8 C81
Anthelmintics, Horses, Strongylosis, Thiabendazole.

11119-68
OBTAINING CLEAN, INFECTIVE LARVAE OF NEMATOSPIROIDES DUBIUS BAYLIS 1926.
S M Sadig
Amer J Vet Res 25(109):1788-1789, 7 REFS
Nov 1964 41.8 AM3A
Culture media, Larvae, Nematospiroides dubius.

11120-68
CANINE FILARIASIS. THE INFLUENCE OF THE METHOD OF TREATMENT ON MEASUREMENTS OF MICROFILARIAE IN BLOOD SAMPLES.
T K Sawyer P P Weinstein J Bloch
Amer J Vet Res 24(100):395-400, 16 REFS., 3 TABS.
May 1963 41.8 AM3A
Blood, Dirofilaria immitis, Dogs.

11121-68
EFFECT OF DITHIAZANINE IODIDE ON THE BODY WEIGHT AND PROVENTRICULUS OF CHICKENS.
R S Sharma A A Case
Amer J Vet Res 24(99):355-358, 9 REFS., 3 TABS.
Mar 1963 41.8 AM3A
Anthelmintics, Chickens, Dithiazanine iodide.

11122-68
PATHOLOGICAL EFFECTS OF THE ADMINISTRATION OF METHYDRINE TO RATS, SHEEP AND CATTLE.
E Thorpe
J Comp Pathol 72(1):29-32, 7 REFS.
Jan 1962 41.8 J82

11123-68
A CYBERNETIC APPROACH TO A NATURAL EPIDEMIC OF STRONGYLATOSIS IN SHEEP.
J H Whitlock
Cornell Vet 53:505-534, 14 REFS., 9 FIGS., 3 TABS.
1963 41.8 C81
Cybernetics, Epidemiology, Haemonchus, Sheep, Strongylatosis.

40 COMMODITY PROTECTION

11124-68
INSECT INFESTATION OF STORED RAW COCOA IN GHANA.
J E Cranham
Bull Entomol Res 51(1):203-222
Apr 1960 421 B87
Cocoa, Ghana, Insect vectors, Pyrethrum, Sieves.

11125-68
THE EFFECTS OF FEEDING IRRADIATED FLOUR TO DOGS. I. REPRODUCTION AND PATHOLOGY.
E Reber D Malhotra J Simon J P Kreier P D Beamer H W Norton
Toxicol Appl Pharmacol 3(5):568-573
Sep 1961 391.8 T662
Flour, Irradiation.

11126-68
SOME EFFECTS OF GAMMA-IRRADIATION ON BARLEY AND ITS MALTING PROPERTIES.
K H Tipples F W Norris
J Sci Food Agr 14(9):646-654, BIBL. 654, TABS.
Sep 1963 382 S012
Barley, Gamma rays, Irradiation, Malt, Malting barley, Maltose.

Storage Diseases

11127-68
REDUCTION OF CITRUS DECAY BY HOT-WATER TREATMENT.
J J Smoot C F Melvin
Plant Dis Rep 49(6):463-467
15 Jun 1965 1.9 P69P
Citrus, Hot water treatment (plants).

Arthropods

11128-68
EFFECTIVENESS OF MALATHION IN PROTECTING STORED POLISHED RICE FROM DAMAGE BY SEVERAL SPECIES OF STORED-GRAIN INSECTS.
Y H Bang E H Floyd
J Econ Entomol 55(2):188-190
Apr 1962 421 J822
Biological assay, Food storage, Insects, Malathion, Rice.

11129-68
AREA CONTROL OF FANNIA CANICULARIS.
E J Hansens
J Econ Entomol 56(4):541
Aug 1963 421 J822
Malathion.

11130-68
THE EFFECTS OF GRAIN MOISTURE CONTENT, GRAIN TEMPERATURE, AND DOCKAGE ON THE PENETRATION OF HYDROGEN CYANIDE.
S E Kunz E O Morrison D R King
J Econ Entomol 57(4):453-455
Aug 1964 421 J822
Dockage, Grain, Grain moisture, Hydrocyanic acid, Temperature.

11131-68
USE OF A MALATHION WETTABLE POWDER FOR SURFACE APPLICATION TO BAGGED RICE BRAN.
J A McFarlane
J Sci Food Agr 12(10):675-683, TABS.
Oct 1965 382 S012
Malathion, Rice bran, Stored products, Wettable powder.

11132-68
TESTS WITH KEPONE AND MIREX FOR THE CONTROL OF CARPET BEETLE LARVAE IN FABRIC.
Roy J Pence Manuel S Viray
J Econ Entomol 58(5):916-920
Oct 1965 421 J822
Anthrenus, Kepone, Mirex.

11133-68
INFESTATION OF MITES, INSECTS AND MICROORGANISMS IN LARGE WHEAT BULK AFTER PROLONGED STORAGE.
R N Sinha E A R Liscombe H A H Wallace
Can Entomol 94(5):542-555, BIBL. 554-555
May 1962 421 C16
Fungi, Mites, Wheat.

11134-68
INTERRELATION OF MOISTURE CONTENT, STORAGE TEMPERATURE, AND DOSAGE ON THE EFFECTIVENESS OF DIAZINON AS A GRAIN PROTECTANT AGAINST SITOPHILUS ORYZAE (L.).
R G Strong D E Sbur
J Econ Entomol 58(3):410-414, BIBL.
Jun 1965 421 J822
Diazinon.

11135-68
EVALUATION OF INSECTICIDES AS PROTECTANTS AGAINST PESTS OF STORED GRAIN AND SEEDS. II.
R G Strong D E Sbur
J Econ Entomol 58(1):18-22
Feb 1965 421 J822
Grain, Insect control, Insecticides, Malathion, Seeds.

11136-68
INFLUENCE OF GRAIN MOISTURE AND STORAGE TEMPERATURE ON THE EFFECTIVENESS OF FIVE INSECTICIDES AS GRAIN PROTECTANTS.
R G Strong D E Sbur
J Econ Entomol 57(1):44-47, BIBL.
Feb 1964 421 J822
Diazinon.

Rodents and Other Pests

11137-68
DISTRIBUTION OF C14-DDT AND C14-DIELDRIN IN PREGNANT MICE DETERMINED BY WHOLE-BODY AUTORADIOGRAPHY.
J Backstrom E Hansson S Ullberg
Toxicol Appl Pharmacol 7(1):90-96
Jan 1965 391.8 T662
Autoradiography, Dieldrin, DDT, Mice, Radioisotopes.

50 ENVIRONMENTAL CONTAMINATION 55 RESIDUES

11138-68
STUDIES ON THE FATE OF 2,4-D AND ESTER DERIVATIVES IN NATURAL SURFACE WATERS.
O M Aly S D Faust
J Agr Food Chem 12(6):541-546, BIBL. 546, TABS.
Nov 1964 381 J8223
Herbicides, Water, 2,4-d.

11139-68
ANIMAL CONCENTRATIONS OF ALDRIN, DIELDRIN, AND HEPTACHLOR IN SOIL FOR CONTROL OF WHITE-FRINGED BEETLES AS DETERMINED BY PARALLEL GAS CHROMATOGRAPHIC AND BIOLOGICAL ASSAYS.
M C Bowman B C Young W F Barthell
J Econ Entomol 58(5):896-902
Oct 1965 421 J822
Aldrin, Dieldrin.

11140-68
SOIL INSECT CONTROL AND INSECTICIDAL RESIDUE DETECTION.
N E Daniels
J Econ Entomol 59(2):410-413
Apr 1966 421 J822
Grubs, Insecticide residues, Soil fumigation, Soil insects.

11141-68
THE FATE OF 3-AMINO-1,2,4-TRIAZOLE IN SOILS.
C D Ercegovich D E H Frear
J Agr Food Chem 12(1):26-29
Jan 1964 381 J8223
Amitrole, Hydrogen-ion concentration, Soil contamination.

11142-68
CONVERSION OF 4-(2,4-DB) TO 2,4-DICHLOROPHENOXYCROTONIC ACID (2,4-DC) AND PRODUCTION OF 2,4-D FROM 2,4DC IN SOIL.
W B Gutenmann D J Lisk
J Agr Food Chem 12(4):322-323
Jul 1964 381 J8223
2,4-d, 2,4-DC, 4-(2,4-DB).

11143-68
THE DEGRADATION OF ORGANOMERCURY FUNGICIDES IN SOIL.
Y Kimura V L Miller
J Agr Food Chem 12(3):253-257, TABS.
May 1964 381 J8223
Fungicides, Mercury, Phenylmercuric acetate.

11144-68
INHIBITION OF THE CONVERSION OF ALDRIN TO DIELDRIN IN SOILS WITH METHYLENEDIOXYPHENYL SYNERGISTS.
E P Lichtenstein K R Schulz G T Cowley
J Econ Entomol 56(4):485-489, TABS.
Aug 1963 421 J822
Aldrin, Dieldrin.

11145-68
THE METABOLISM OF 14C ,-DIETHYL-(3,5,6-TRICHLORO-2-PYRIDYL) PHOSPHOROTHIOATE (DURSBAN) IN FISH.
G N Smith B S Watson F S Fischer
J Econ Entomol 59(6):1464-1475
Dec 1966 421 J822
Dursban, Fish, Metabolism.

11146-68
THE EFFECTS OF THE CARBAMATE INSECTICIDE CARBARYL UPON FOREST SOIL MITES AND COLLEMBOLA.
L C Stegeman
J Econ Entomol 57(6):803-806, BIBL. 807-808
Dec 1964 421 J822
Carbamates, Carbaryl, Forest soils, Mites.

11147-68
RESPONSE OF PONDEROSA AND AUSTRIAN PINE TO SOIL FUMIGANTS AND SEED TREATMENTS.
J L Weihing R Inman G W Peterson
Plant Dis Rep 45(10):799-802, TABS.
15 Oct 1961 1.9 P69P
Heterodera, Pinus nigra, Pinus ponderosa, Plant hardiness, Seed treatment, Soil fumigation, Tobacco, Virginia.

11148-68
EXTRACTION AND CLEANUP STUDIES FOR PARATHION RESIDUES ON LEAFY VEGETABLES.
C H van.middelem R E Waites J W Wilson
J Agr Food Chem 11(1):56-58, TABS.
Jan 1963 381 J8223
Insecticide residues, Leafy vegetables, Parathion, Plant extracts.

11149-68
MODIFICATIONS TO THE SPECTROPHOTOMETRIC ANALYSIS OF CNB (TERRACHLOR) IN SOILS AND CROPS.
H J Ackermann L J Carbone E J Kuchar
J Agr Food Chem 11(4):297-300
Jul 1963 381 J8223
Fungicide residues, Pentachloronitrobenzene, Spectrophotometry.

11150-68
THE DETECTION OF RESIDUES OF SYSTOX AND ITS TOXIC METABOLITES IN THE PRESENCE OF OTHER ORGANOPHOSPHORUS PESTICIDES.
J M Adams C A Anderson D MacDougall
J Agr Food Chem 11(2):178-180, BIBL. 180
Mar 1966 381 J8223
Cholinesterases, Demeton, Insecticide residues, Organophosphorus compounds.

11151-68
ABSENCE OF RESIDUES IN MILK AFTER DIMETHOATE AND MALATHION WERE APPLIED WITH BACKRUBBERS TO DAIRY CATTLE.
T R Adkins Jr J A Hair
J Econ Entomol 58(1):155
Feb 1965 421 J822
Backrubbers, Dairy cattle, Dimethoate, Malathion, Milk.

11152-68
RESIDUE ANALYSIS OF ETHION BY CHOLINESTERASE INHIBITION AFTER OXIDATION.
T E Archer G Zweig W L Winterlin H F Beckman
J Agr Food Chem 11(6):471-474
Nov 1963 381 J8223
Acaricides, Cholinesterases, Ethion, Insecticide residues.

11153-68
RESIDUE ANALYSIS OF PHORATE BY CHOLINESTERASE INHIBITION AFTER OXIDATION.
T E Archer G Zweig W L Winterlin F K Francis
J Agr Food Chem 11(1):58-63, TABS.
Jan 1963 381 J8223
Cholinesterases.

11154-68
INSECTICIDE RESIDUES IN MILK: EFFECTS OF FEEDING LOW LEVELS OF HEPTACHLOR EPOXIDE TO DAIRY COWS ON RESIDUES AND OFF-FLAVORS IN MILK.
C A Bache G G Gyrisco S N Fertig E W Huddleston D J Lisk F H Fox G W Trimberger R F Holland
J Agr Food Chem 8(5):408-409
Sep 1960 381 J8223
Dairy cattle, Heptachlor epoxide, Insecticide residues, Milk.

11155-68
THE TOXICITY OF SOME PESTICIDE RESIDUES TO ADULT AMBLYSEIUS HIBISCI, WITH A COMPILATION OF THE EFFECTS OF PESTICIDES UPON PHYTOSEIID MITES.
B R Bartlett
J Econ Entomol 57(4):559-563, BIBL. 562-563
Aug 1964 421 J822
Pesticide residues, Phytoseiid mites, Toxicology.

11156-68
INSECTICIDE RESIDUES ON PEANUTS GROWN IN SOIL TREATED WITH GRANULAR ALDRIN AND HEPTACHLOR.
E W Beck L H Dawsey D W Woodham D B Leuck L W Morgan
J Econ Entomol 55(6):953-956, TABS.
Dec 1962 421 J822
Aldrin.

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DILAN RESIDUE DETERMINATION BY MICROCOULOMETRIC GAS CHROMATOGRAPHY.
H Beckman A Bevenue
J Agr Food Chem 12(3):245-247
May 1964 381 J8223
Chromatography, Dilan, Insecticide residues.

11158-68
THE RELATIONSHIP OF THE LEVELS OF INSECTICIDE CONTAMINATION OF CROP SEEDS TO THEIR FAT CONTENT AND SOIL CONCENTRATION OF ALDRIN, HEPTACHLOR, AND THEIR EPOXIDES.
W N Bruce G C Decker J G Wilson
J Econ Entomol 59(1):179-181
Feb 1966 421 J822
Aldrin, Ethylenimine, Soils.

11159-68
COMPARISONS OF RESIDUES IN MILK RESULTING FROM TWO TYPES OF SPRAY APPLICATIONS OF DDT, SHELL COMPOUND 4072, AND RONNEL.
H V Claborn H D Mann I L Berry R A Hoffman
J Econ Entomol 58(5):922-923
Oct 1965 421 J822
DDT, Milk, Milk analysis, Ronnel, Shell compound 4072, Spraying.

11160-68
FECUNDITY AND HATCH OF EGGS FROM BANDED CUCUMBER BEETLES. TREATED WITH THREE AZIRIDINES:PRELIMINARY TESTS.
C S Creighton E R Cuthbert Jr W T Reid Jr
J Econ Entomol 59(1):163-165
Feb 1966 421 J822
Fertility, Insect eggs.

11161-68
PERSISTENCE AND RESIDUAL EFFECTIVENESS OF VARIOUS FORMULATIONS OF BAYGON (BAYER 39007) AGAINST THE HOUSE FLY.
H W Dorough G W Crouch
J Econ Entomol 59(5):1188-1190
Oct 1966 421 J822
Bayer 39007, Baygon, Insecticide residues, Musca domestica.

11162-68
INSECTICIDE CONTAMINATION OF ROOMS AND EQUIPMENT USED TO REAR THE ORIENTAL FRUIT MOTH.
G G Dustan
J Econ Entomol 59(1):125-127
Feb 1966 421 J822
Grapholitha molesta, Insect rearing equipment, Insecticides, Malathion.

11163-68
RESIDUES IN STORED LEMONS TREATED WITH VARIOUS FORMULATIONS OF 2,4-D.
L C Erickson E L Brannaman C W Coggins Jr
J Agr Food Chem 11(5):437-440, TABS.
Sep 1963 381 J8223
Lemons, Pesticide residues, 2,4-d.

11164-68
THIODAN RESIDUES ON PEACHES.
J E Eahey D W Hamilton
J Econ Entomol 55(4):563-564
Aug 1962 421 J822
Endosulfan, Insecticide residues, Peaches.

11165-68
EFFECTS OF HERBICIDE INGESTION:EFFECT OF DALAPON INGESTION ON PERFORMANCE OF DAIRY CATTLE AND LEVELS OF RESIDUE IN THE MILK.
S N Fertig M M Schreiber
J Agr Food Chem 9(5):369-374, TABS.
Sep 1961 381 J8223
Dairy cattle, Dalapon, Insecticide residues, Milk.

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DIAZINON RESIDUES ON FORAGE CROPS IN MASSACHUSETTS.
W J Eischang E R Shaw
J Econ Entomol 55(4):573-574
Aug 1962 421 J822
Diazinon.

11167-68
FUNGICIDE RESIDUES: DODECYLGUANIDINE ACETATE (DODINE) RESIDUES ON APPLES.
D E H Frear E C Smith T G Bowery
J Agr Food Chem 8(6):465-466
Nov 1960 381 J8223
Apples, Dodecylguanidine acetate, Dodine, Fungicide residues.

11168-68
RESIDUES AND CHEMOSTERILANTS: FAULTY TECHNIQUES.
E H Frear R A Mumma W B Wheeler
Agr Chem 20(10):33-34
Oct 1965 381 AG8
Pesticide residues.

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SYMPOSIUM ON FEED ADDITIVES AND SIGNIFICANCE OF THEIR RESIDUES IN ANIMAL TISSUES.
D V Frost
J Agr Food Chem 11(5):362-363
Sep 1963 381 J8223
Animal tissues, Feed additives, Selenium.

11170-68
THE FATE OF N'-(4-CHLOROPHENOXY)-PHENYL N,N-DIMETHYLUREA (C-1983) IN SOILS AND PLANTS. II. UPTAKE AND DISTRIBUTION WITHIN PLANTS.
H Geissbuhler C Haselbach H Aebi L Ebner
Weed Res 3(3):181-194, 15 REFS., 3 FIGS., 4 TABS.
Sep 1963 79.8 W412
Chloroxuron, Herbicide residues, Weeds.

11171-68
FLUOROMETRIC METHOD FOR ESTIMATION OF RESIDUES BAYER 22408.
P A Giang
J Agr Food Chem 9(1):42-44
Jan 1961 381 J8223
Bayer 22408, Fluorometry, Insecticide residues.

11172-68
THE OCCURRENCE OF DRY-MIX-FEED DRUGS IN LARVAL FOOD OF THE HONEY BEE.
J H Girardeau Jr
J Econ Entomol 58(5):878-880
Oct 1965 421 J822
Bees, Drugs, Oxytetracycline, Sulfathiazole.

11173-68
AN IMPROVED METHOD FOR KELTHANE RESIDUE ANALYSIS WITH APPLICATIONS FOR DETERMINATION OF RESIDUES IN MILK.
C F Gordon L D Haines J J Martin
J Agr Food Chem 11(1):84-86
Jan 1963 381 J8223
Acaricides, Dicofol, Milk, Pesticide residues.

11174-68
FORMULATION OF PET PRODUCTS.
J Greenburg
Agr Chem 19(1):22-23
Jan 1964 381 AG8
Cats, Dogs, Insecticides, Petroleum, Solvents.

11175-68
PERSISTENCE OF RESIDUES OF GUTHION ON AND IN MATURE LEMONS AND ORANGES AND IN LABORATORY PROCESSED CITRUS 'PULP' CATTLE FEED.
F A Gunther G E Carman R C Blinn J H Barkley
J Agr Food Chem 11(5):424-427, TABS.
Sep 1963 381 J8223
Azinphosmethyl, Cattle, Citrus, Feed, Insecticide residues.

11176-68
PESTICIDE RESIDUES:DETERMINATION OF SELENIUM IN OATS BY OXYGEN FLASK COMBUSTION.
W H Gutenmann D J Lisk
J Agr Food Chem 9(6):488-489
Nov 1961 381 J8223
Flask combustion, Insecticide residues, Oats, Pesticides, Selenium.

11177-68
RAPID DETERMINATION OF 4(2,4-DB) AND A METABOLITE, 2,4-D, IN TREATED FORAGE BY ELECTRON AFFINITY SPECTROSCOPY.
W H Gutenmann D J Lisk
J Agr Food Chem 11(4):304-306, TABS.
Jul 1963 381 J8223
Spectroscopy, 2,4-d.

11178-68
GAS CHROMATOGRAPHIC DETERMINATION OF ORGANOPHOSPHORUS INSECTICIDES USING THE ZEISEL ALKOXYL REACTION.
W H Gutenmann D J Lisk
J Agr Food Chem 11(6):470-471
Nov 1963 381 J8223
Alkoxy groups, Chromatography, Insecticide residues, Malathion, Organophosphorus compounds.

55 11179-68

11179-68
MODIFIED SCHONIGER COMBUSTION FOR DETERMINATION OF RESIDUES OF ARSENIC, BROMIDE, CHLORIDE, MANGANESE, AND NICKEL IN PESTICIDE-TREATED PLANT MATERIAL.
W H Gutenmann L E Saint John D L Barry E D Jones D J Lisk
J Agr Food Chem 9(1):50-53
Jan 1961 381 J8223
Arsenic, Bromides, Chlorides, Insecticide residues, Manganese, Nickel, Pesticides.

11180-68
FUMIGATION OF PYRAMIDAL STACKS OF BAGGED DECORTICATED GROUNDNUTS WITH METHYL BROMIDE.
D Halliday P F Prevett
J Sci Food Agr 14(8):586-592
Aug 1963 382 S012
Fumigation, Insecticide residues, Methyl bromide, Peanuts, Peanuts.

11181-68
ZONAL ACCUMULATION OF DIELDRIN IN SOIL AND ALFALFA RESIDUES.
D D Hardee W B Gutenmann D J Lisk G G Gyrisco C M Edmonds
J Econ Entomol 57(4):583-585
Aug 1964 421 J822
Alfalfa, Dieldrin, Insecticide residues, Soil contamination.

11182-68
SAFETY EVALUATION STUDIES ON 2,5-DICHLORO-3-AMINOBENZOIC ACID (AMIBEN).
L W Hazleton C E Paynter R J Weir
Toxicol Appl Pharmacol 6(3):349
May 1964 391.8 T662
Amiben, Pesticide residues, Rats.

11183-68
INSECTICIDE RESIDUES:ALDRIN AND DIELDRIN CONTENT OF BODY TISSUES OF LIVESTOCK RECEIVING ALDRIN IN THEIR DIET.
M C Ivey H V Claborn H D Mann R D Radeleff G T Woodard
J Agr Food Chem 9(5):374-376
Sep 1961 381 J8223
Aldrin, Dieldrin.

11184-68
P32- AND S35-LABELED S,S,S, -TRIBUTYLPHOSPHOROTRITHIOATE DEFOLIANT RESIDUE IN COTTONSEED.
F R H Katterman W C Hall
J Agr Food Chem 12(2):187-189
Mar 1964 381 J8223
Cholinesterases, Phosphorus, Sulfur.

11185-68
BIOASSAY OF CHEMICAL PROTECTANTS AND SURFACE TREATMENTS FOR THE CONTROL OF INSECTS IN STORED SORGHUM GRAIN.
D R King E O Morrison J A Sundman
J Econ Entomol 55(4):506-510, TABS.
Aug 1963 421 J822
Biological assay, Chemicals, Grain, Insect control, Sorghum, Storage.

11186-68
INSECTICIDES AND FLAVOR: FLAVOR OF CANTALOUPES AS AFFECTED BY TREATMENT WITH LINDANE.
M E Kirkpatrick J L Brogdon R H Matthews
J Agr Food Chem 8(1):57-58
Jan 1960 381 J8223
Cantaloupes, Food flavor, Lindane.

11187-68
DISAPPEARANCE RATES OF MALATHION RESIDUES AS AFFECTED BY PREVIOUS TREATMENTS WITH PARAOXON, PARATHION, AND MALATHION.
P Koivistoinen A Karinpaa M Koncnen
J Agr Food Chem 12(6):555-557
Nov 1963 381 J8223
Insecticide residues, Malathion, Paraoxon, Parathion.

11188-68
MALATHION RESIDUES ON FRUIT TREATED BY DIPPING.
P Koivistoinen A Karinpaa M Kononen P Roine
J Agr Food Chem 12(6):551-555, TABS.
Nov 1964 381 J8223
Fruit, Insecticide application, Insecticide residues, Malathion.

11189-68
STABILITY OF MALATHION RESIDUES IN FOOD PROCESSING AND STORAGE.
P Koivistoinen M Koncnen A Karinpaa P Roine
J Agr Food Chem 12(6):557-560
Nov 1964 381 J8223
Food processing, Food storage, Insecticide residues, Malathion.

11190-68
A SCREENING METHOD FOR CHLORINATED PESTICIDE RESIDUES IN FAT WITHOUT CLEANUP.
L F Krzeminski W A Landmann
J Agr Food Chem 11(1):81-83
Jan 1961 381 J8223
Adipose tissue (animals), Chlorinated hydrocarbons, Insecticide residues.

11191-68
HERBICIDE RESIDUE:MICRODETERMINATION OF FALONE RESIDUES IN FOOD CROPS.
J R Lane
J Agr Food Chem 9(5):377-380
Sep 1961 381 J8223
Crops, Falone, Food analysis, Herbicides, Insecticide residues.

11192-68
THE EFFECTS OF MOISTURE AND MICROORGANISMS ON THE PERSISTENCE AND METABOLISM OF SOME ORGANOPHOSPHOROUS INSECTICIDES IN SOILS, WITH SPECIAL EMPHASIS ON PARATHION.
E P Lichtenstein K R Schulz
J Econ Entomol 57(5):618-627, BIBL. 627, TABS.
Oct 1964 421 J822
Insecticide residues, Insecticides, Microorganisms, Parathion, Soil moisture, Soils.

11193-68
INSECTICIDAL RESIDUES IN CUCUMBERS AND ALFALFA GROWN ON ALDRIN- OR HEPTACHLOR-TREATED SOILS.
E P Lichtenstein K R Schulz R F Skrentny P A Stitt
J Econ Entomol 58(4):742-746
Aug 1965 421 J822
Aldrin, Drosophilidae.

11194-68
INSECTICIDE UPTAKE FROM THE SOILS: INSECTICIDAL RESIDUES IN VARIOUS CROPS GROWN IN SOILS TREATED WITH ABNORMAL RATES OF ALDRIN AND HEPTACHLOR.
E P Lichtenstein
J Agr Food Chem 8(6):448-451, BIBL. 451, TABS.
Nov 1960 381 J8223
Aldrin, Heptachlor.

11195-68
PESTICIDE RESIDUES: RAPID COMBUSTION AND DETERMINATIONS OF RESIDUES OF CHLORINATED PESTICIDES USING A MODIFIED SCHOENIGER METHOD.
D J Lisk
J Agr Food Chem 8(2):119-121
Mar 1960 381 J8223
Chlorine, Pesticide residues, Sodium.

11196-68
OCCURRENCE OF BROMIDES IN THE MILK OF COWS FED SODIUM BROMIDE AND GRAIN FUMIGATED WITH METHYL BROMIDE.
G E Lynn S A Shrader O H Hammer C A Lassiter
J Agr Food Chem 11(11):87-91, TABS.
Jan 1963 381 J8223
Grain, Methyl bromide, Milk, Pesticide residues, Sodium bromide.

11197-68
CHROMATOGRAPHIC IDENTIFICATION OF SOME ORGANOPHOSPHATE INSECTICIDES IN THE PRESENCE OF PLANT EXTRACTS.
H F MacRae W P McKinley
J Agr Food Chem 11(2):174-178
Mar 1963 381 J8223
Chromatography, Insecticide residues, Organophosphorus compounds, Plant extracts.

11198-68
INSECTICIDE RESIDUE IN FOODS SUBJECTED TO AEROSOLS UNDER SIMULATED WAREHOUSE CONDITIONS.
H Markarian J J Pratt Jr F Kane B H Kantack
J Econ Entomol 59(4):844-846, TABS.
Aug 1966 421 J822
Food storage, Insecticidal aerosols, DDT, Lindane, Warehouses.

11199-68
THE DISAPPEARANCE OF ENDRIN RESIDUES ON CABBAGE.
L R Mattick D L Barry F M Antenucci A W Avens
J Agr Food Chem 11(1):54-55
Jan 1963 381 J8223
Cabbage, Endrin, Insecticide residues.

11200-68
METABOLISM OF SELENIUM IN THE MAMMALIAN ORGANISM.
K D McDonnell
J Agr Food Chem 11(5):385-388
Sep 1963 381 J8223
Feed additives, Metabolism, Selenium.

11201-68
STILBESTROL EFFECTS ON MEAT: INFLUENCE OF ORALLY ADMINISTERED STILBESTROL ON CONNECTIVE TISSUE OF SKELETAL MUSCLE OF LAMBS FED VARYING LEVELS OF PROTEIN.
E N McIntosh D C Acker E A Kline
J Agr Food Chem 9(6):418-421
Nov 1961 381 J8223
Connective tissues, Diethylstilbestrol, Lambs, Skeletal muscle.

11202-68
RESIDUE ANALYSIS OF SEVIN IN BEES AND POLLEN.
R A Morse L E St John D J Lisk
J Econ Entomol 56(3):415-416
Jun 1963 421 J822
Apis mellifera.

11203-68
RESIDUAL EFFECTIVENESS OF ENDRIN AS A SOIL INSECTICIDE FOR CONTROL OF THE APPLE MAGGOT IN WISCONSIN.
E R Oatman
J Econ Entomol 57(1):163-164
Feb 1964 421 J822
Endrin, Rhagoletis, Wisconsin.

11204-68
IMPLICATIONS OF SELENIUM IN LARGE ANIMAL NUTRITION.
J E Oldfield J R Schubert C B Muth
J Agr Food Chem 11(5):388-390
Sep 1963 381 J8223
Feed additives, Selenium, Sheep.

11205-68
PESTICIDE RESIDUES: ESTIMATION OF PHENOTHIAZINE AND SOME OF ITS OXIDATION PRODUCTS IN BIOLOGICAL MATERIAL.
W T Oliver B S Funnell N Platonow
J Agr Food Chem 9(3):213-214
May 1961 381 J8223
Phenothiazine, Phenothiazone-5-oxide, Phenothiazone, Thionol.

11206-68
THE STATUS OF DIELDRIN RESISTANCE AMONG ADULT FEMALES ANOPHELES QUADRIMACULATUS SAY FROM THE DELTA REGION OF MISSISSIPPI.
J D Quarts R E Hutchins
J Econ Entomol 55(6):1011
Dec 1962 421 J822
Anopheles, Dieldrin, Insecticide residues, Insecticide resistant insects.

11207-68
DECLINE OF PHORATE AND DIMETHOATE RESIDUES IN TREATED SOILS BASED ON TOXICITY TO DROSOPHILA MELANOGASTER.
B L Parker J E Dewey
J Econ Entomol 58(1):106-111
Feb 1965 421 J822
Dimethoate, Insecticide residues, Phorate, Soils, Toxicology.

11208-68
TISSUE AND FAT PREPARATION FOR PESTICIDE DETERMINATION BY GAS CHROMATOGRAPHY.
K D Parker M L Dewey D M DeVries S C Lau
Toxicol Appl Pharmacol 7(5):719-726, BIBL. 725-726
Sep 1965 391.8 T662
Adipose tissue (animals), Chromatography, DDE, Pesticide residues.

11209-68
RESIDUES IN FATTY TISSUES AND MEAT OF CATTLE GRAZING ON PASTURES TREATED WITH GRANULAR HEPTACHLOR.
L L Ruscoff B S Temple R G Myers L D Newsom E C Burns
W F Barthel C Corley A Allsman
J Agr Food Chem 11(4):289-291
Jul 1963 381 J8223
Adipose tissue (animals), Heptachlor epoxide.

11210-68
CHEMICAL AND BIOLOGICAL ANALYSIS OF DIAZINON ON APPLES AND GRAPES.
P R Sferra S D Gibbs E H Glass E F Taschenberg
J Econ Entomol 55(5):641-643, TABS.
Oct 1962 421 J822
Apples, Diazinon, Grapes, Insecticide residues.

11211-68
MERCURY RESIDUES IN EGGS, FLESH AND LIVERS OF HENS FED ON WHEAT TREATED WITH METHYLMERCURY DICYANDIAMIDE.
N A Smart M K Lloyd
J Sci Food Agr 14(10):734-740, TABS.
Oct 1963 382 S012
Chickens, Chickens, Cyanoguanidine, Cyanoguanidine, Eggs, Liver, Mercury, Methyl mercury dicyandiamide, Residues, Wheat.

11212-68
MERCURY RESIDUES IN POTATOES FOLLOWING APPLICATION OF A FOLIAR SPRAY CONTAINING PHENYLMERCURY CHLORIDE.
N A Smart
J Sci Food Agr 15(2):102-107
Feb 1964 382 S012
Insecticide residues, Mercury, Phenylmercuric chloride, Potatoes, Spraying.

11213-68
RONNEL RESIDUES IN EGGS OF POULTRY.
C T Smith F R Shaw D L Anderson R A Callahan W H Ziener
J Econ Entomol 58(6):1160-1161
Dec 1965 421 J822
Eggs, Insecticide residues, Insecticide residues, Poultry, Ronnel.

11214-68
MERCURY RESIDUE OF APPLE FRUIT AS RELATED TO APPLICATION SCHEDULES AND TO THE COLORIMETRIC AND THE NEUTRON ACTIVATION ANALYSES.
M Szkolnik K D Hickey E J Broderick D J Lisk
Plant Dis Rep 49(7):568-570
Jul 1965 1.9 P69P
Apples, Colorimetry, Fungicide application, Fungicide residues, Mercury, Neutron activation analysis.

11215-68
CONTROL OF GRAPE BERRY MOTH WITH GUTHION SPRAYS AND STUDIES ON PERSISTENCE OF THE SPRAY DEPOSITS.
E F Taschenberg A W Avens P R Sferra S D Gibbs
J Econ Entomol 57(2):211-216, TABS.
Apr 1964 421 J822
Azinphosmethyl, Insecticide residues, Paralobesia viteana, Spraying.

11216-68
DISAPPEARANCE OF SPRAY DEPOSITS OF DDT, METHOXYCHLOR, PERTHANE, ETHION, AND DIAZINON FROM CONCORD GRAPES.
E F Taschenberg A W Avens G M Parsons S D Gibbs
J Econ Entomol 56(4):431-438, TABS.
Aug 1963 421 J822
Diazinon, Perthane.

11217-68
PESTICIDE RESIDUES ON FRUIT. III. ALDRIN AND DIELDRIN RESIDUES ON STRAWBERRIES WITH SOME REFERENCE TO INSECTICIDE PERSISTENCE IN THE SOIL.
R P Tew J M Sillibourne
J Sci Food Agr 12(9):628-634, TABS.
Sep 1961 382 S012
Aldrin, Dieldrin.

11218-68
PESTICIDE RESIDUES ON FRUIT. IV. ENDRIN RESIDUES ON BLACKCURRANTS.
R P Tew J H Sillibourne
J Sci Food Agr 12(10):661-666, TABS.
Oct 1961 382 S012
Currants, Endrin, Fruit, Pesticide residues.

11219-68
PESTICIDE RESIDUES ON FRUIT. V. HARVEST RESIDUES OF CODLING MOTH INSECTICIDES ON APPLES.
R P Tew J M Sillibourne A M Silva-Fernandes
J Sci Food Agr 12(10):666-674, BIBL. 674, TABS.
Oct 1961 382 S012
Apples, Carpocapsa pomonella, Fruit, Harvesting, Lead arsenate, Pesticide residues.

11220-68
RESIDUAL EFFECTIVENESS OF DDT EMULSION SPRAYS WITH AND WITHOUT HORTICULTURAL OIL AGAINST THE SMALLER EUROPEAN ELM BARK BEETLE.
B E Thompson
J Econ Entomol 58(1):165-166
Feb 1965 421 J822
Dieback (ulmus).

55 11221-68

11221-68
THE RATE OF LEACHING OF DIELDRIN FROM ATTAPULGITE CLAY GRANULES.
S G Turnipseed J K Reed
J Econ Entomol 56(3):410-412
Jun 1963 421 J822
Attapulgite, Dieldrin, Soil leaching.

11222-68
DIELDRIN PERSISTENCE IN CRANBERRY BOGS.
J Econ Entomol 59(4):905-906
Aug 1966 421 J822
Cranberry bogs, Dieldrin, Insecticide residues.

11223-68
CHEMICAL RESIDUES IN THE MILK OF COWS GRAZED ON CHLORDAN-TREATED PASTURE.
W E Westlake C Corley R T Murphy W F Barthel H Bryant
J Agr Food Chem 11(3):244-246
May 1963 3E1 J8223
Chlordane, Insecticide residues, Milk, Pastures.

11224-68
INSECT DAMAGE TO FIELD-PILED PULPWOOD IN NORTHERN MINNESOTA.
L F Wilson
J Econ Entomol 55(4):510-516
Aug 1962 421 J822

11225-68
IDENTIFICATION AND ESTIMATION OF THE ARSENIC IN LIVERS OF RATS INGESTING ARSENICALS.
W O Winkler
Ass Offic Anal Chem J 45(1):80-91, 8 REFS., 6 TABS.
Feb 1962 3E1 AS7
Arsenic, Assay, Carcinogens, Liver, Rats.

11226-68
RESIDUES AND CHEMOSTERILANTS: RESIDUES IN MILK.
J M Witt F M Whitting W H Brown
Agr Chem 20(10):32-33
Oct 1965 3E1 AG8
DDT, Milk.

11227-68
THE PRESENCE AND PERSISTENCE OF HEPTACHLOR EPOXIDE AND DIELDRIN RESIDUES ON FORAGE CROPS IN NEW YORK.
T K Wood E J Armbrust G G Gyrisco W E Gutenmann D J Lisk
J Econ Entomol 59(1):131-132
Feb 1966 421 J822
Dieldrin, Forage plants, Heptachlor epoxide, Insecticide residues, New York.

11228-68
RESIDUES IN MILK FROM DAIRY COWS FED LOW LEVELS OF TOXAPHENE IN THEIR DAILY RATION.
G Zweig E I Eye R Sitlani S A Peoples
J Agr Food Chem 11(1):70-72, TABS.
Jan 1963 3E1 J8223
Feed toxicity, Insecticide residues, Milk, Toxaphene.

11229-68
RESIDUES IN BUTTERFAT AND BODY FAT OF DAIRY COWS FED AT TWO LEVELS OF KELTHANE (1.0 AND 2.0 P.P.M.).
G Zweig E I Eye S A Peoples
J Agr Food Chem 11(1):12-74,
Jan 1963 3E1 J8223
Adipose tissue (animals), Feed toxicity.

11230-68
INSECTICIDE RESIDUES IN MILK:DDT RESIDUES IN MILK FROM DAIRY COWS FED LOW LEVELS OF DDT IN THEIR DAILY RATIONS.
G Zweig I M Smith S A Peoples R Cox
J Agr Food Chem 9(6):481-484
Nov 1961 3E1 J8223
Dairy cattle, Insecticide residues, DDT, Milk.

60 TOXICOLOGY

11231-68
ALIPHATIC AMIDES OF CYCLIC AMINES AND TOLYL MALEIMIDES AS MOSQUITO REPELLANTS.
B H Alexander M Beroza
J Econ Entomol 56(1):58-60
Feb 1963 421 J822
Amides, Amines, Culicidae, Insect repellents, Maleimides.

11232-68
TOXICITY OF DIELDRIN-CONCRETE MIXTURES TO TERMITES.
T C Allen G R Esenther E P Lichtenstein
J Econ Entomol 57(1):26-29, TABS.
Feb 1964 421 J822
Concrete, Dieldrin, Termites.

11233-68
THE EFFECTIVENESS OF VARIOUS PESTICIDES AGAINST RESISTANT TWO-SPOTTED SPIDER MITES ON GREENHOUSE ROSES.
W W Allen A K Cta R D Gehring
J Econ Entomol 57(2):187-192
Apr 1964 421 J822
Acaricides, Rosa.

11234-68
TOXICOLOGIC STUDIES ON PYRETHRIN-TYPE ESTERS OF CHRYSANTHEMUMIC ACID II. CHRYSANTHEMUMIC ACID, 2,4-DIMETHYLBENZYL ESTER.
A M Ambrose C V Miller F O'Dell J L Pepper
Toxicol Appl Pharmacol 6(1):112-120
Jan 1964 391.8 T662
Chrysanthemumic acid, Esters, Pyrethrum, Toxicology, 2,4-dimethylbenzyl ester.

11235-68
EXPERIMENTAL BASIS FOR ESTIMATING INSECTICIDES AND ACARICIDES BY COMPARATIVE BIOASSAY.
S Areekul R F Harwood
J Econ Entomol 55(6):894-899
Dec 1962 421 J822
Acaricides, Biological assay, Insecticides, Toxicology.

11236-68
ECOLOGICAL AND NUTRITIONAL STUDIES ON COLEOMEGILLA MACULATA DEGEER (COLEOPTERA: COCCINELLIDAE). III. THE EFFECT OF DDT, TOXAPHENE, AND ENDRIN ON THE REPRODUCTIVE AND SURVIVAL POTENTIALS.
Y H Atallah L D Newsom
J Econ Entomol 59(5):1181-1187
Oct 1966 421 J822
Ecology, Endrin, DDT, Mortality, Nutrition, Reproduction, Toxaphene.

11237-68
CONTROL OF IMPORTED FIRE ANTS WITH NONACHLOR.
W A Banks C E Stringer Jr W F Barthel C S Lofgren
J Econ Entomol 59(2):465-467
Apr 1966 421 J822
Mirex, Nonachlor, Solenopsis saevissima richteri.

11238-68
COMPARING RESISTANCE OF HOUSE FLIES TO THE EIGHT STEREOISOMERS OF ALLETHRIN.
R J Barker L N Edmunds Jr
J Econ Entomol 56(2):152-155
Apr 1963 421 J822
Allethrin.

11239-68
A FIELD EVALUATION OF MALATHION DUST FOR THE CONTROL OF BODY LICE.
W W Barnes B F Eldrige J H Greenberg S Vivona
J Econ Entomol 55(5):591-594
Oct 1962 421 J822
Dusting, Malathion, Pediculus humanus humanus.

11240-68
A COMPARISON OF SOME GRANULAR CARRIERS FOR CHLORDAN AND HEPTACHLOR AGAINST THE IMPORTED FIRE ANT.
W F Barthel C S Lofgren

J Agr Food Chem 12(4):339-342, TABS.
Jul 1963 381 J8223
Chlordane.

11241-68
THE CORRELATION BETWEEN LIPID CONTENT AND PER CENT MORTALITY OF THE ALFALFA WEEVIL TO HEPTACHLOR AND MALATHION.
S E Henrett C A Thomas Jr
J Econ Entomol 56(2):239-240
Apr 1963 421 J822
Heptachlor, Hypera postica, Lipids, Malathion, Mortality.

11242-68
RESERPINE AS A STERILANT FOR THE MEXICAN FRUIT FLY.
C A Benschoter
J Econ Entomol 59(2):333-334
Apr 1966 421 J822
Anastrepha ludens, Chemosterilants, Nutrition, Ovaries, Reserpine.

11243-68
EVIDENCE OF VANADIUM TOXICITY RESULTING FROM THE USE OF CERTAIN COMMERCIAL PHOSPHORUS SUPPLEMENTS IN CHICK RATIONS.
L S Berg
Poultry Sci 42(3):766-769, 3 REFS.
May 1963 47.8 AM33P
Chicks, Phosphorus, Vanadium.

11244-68
EFFECT OF CENTRUROIDES SCULPTURATUS VENOM UPON RAT TISSUE.
E M Bertke J B Atkins
Toxicon 2(3):205-209
Dec 1964 391.8 T66
Histopathology, Rats, Tissues, Venoms.

11245-68
EPIDEMIOLOGY OF LATRODECTISM.
S Bettini
Toxicon 2(2):93-102, BIBL. 101-102, TABS.
Oct 1964 391.8 T66
Epidemiology, Geography, Human diseases, Latrodectism, Weather.

11246-68
EFFECT OF THREE CHEMOSTERILANTS ON THE PEA APHID FED ON AN ARTIFICIAL DIET.
O P Bhalla A G Robinson
J Econ Entomol 59(2):378-379
Apr 1966 421 J822
Acyrthosiphon pisum, Apholate, Chemosterilants, Insect diets.

11247-68
MODIFICATION OF BETA-AMINOPROPIONITRILE TOXICITY BY DIVALENT, METAL SALTS IN THE CHICK EMBRYO.
U B Blackwood E C Naber
Poultry Sci 42(3):782-784, 5 REFS.
May 1963 47.8 AM33P
Beta-aminopropionitrile, Chick embryos, Metal salts.

11248-68
EFFECTS OF CERTAIN METABOLICALLY ACTIVE DRUGS AND OXIMES ON TRI-O-CRESYL PHOSPHATE TOXICITY.
M J Bleiberg H Johnson
Toxicol Appl Pharmacol 7(2):227-235
Mar 1965 391.8 T662
Drugs, Toxicology.

11249-68
STUDIES OF CHOLINE ACETYLASE INHIBITION BY DDA (DICHLORODIPHENYLACETIC ACID) AND ITS POSSIBLE RELATIONSHIP TO DDT TOXICITY.
M J Bleiberg M Cefaratti N Klinman P Kornblith
Toxicol Appl Pharmacol 4(3):292-312, BIBL. 310-312, PL.
May 1962 391.8 T662
Choline, Cholinesterases, DDA, DDT.

11250-68
EFFECT OF THE SYSTEMIC INSECTICIDE UC 21149 AND FOUR PRE-EMERGENCE HERBICIDES ON COTTON SEEDLINGS.
J C Boling J Hacskaylo
J Econ Entomol 59(4):1026-1027
Aug 1966 421 J822
Herbicides, Mercury, Systemic insecticides, UC 21149.

11251-68
COMPARATIVE EFFECTS OF OXYGEN AND OF PYRETHRUM SYNERGISTS ON THE ACTION OF CERTAIN INSECTICIDES.
E J Bond
J Econ Entomol 58(4):642-645
Aug 1965 421 J822
Insecticide synergists.

11252-68
THE REVERSIBLE NEPHROTOXIC EFFECTS OF BIPHENYL.
A N Booth A Ambrose F DeEds A J Cox Jr
Toxicol Appl Pharmacol 3(5):560-567
Sep 1965 391.8 T662
Biphenyl, Nephrology, Toxicology.

11253-68
FORMULATIONS OF BACILLUS THURINGIENSIS BERLINER FOUND TO BE CONTAMINATED WITH CHLORINATED HYDROCARBON INSECTICIDES.
A L Borgatti G E Guyer
J Econ Entomol 55(6):1015-1016
Dec 1962 421 J822
Bacillus thuringiensis, Chlorinated hydrocarbons, Insecticides, Toxicology.

11254-68
INFLUENCE OF ANESTHESIA ON THE TOXICITY OF TEPP AND SD-3562.
U E Brady J Sternburg
J Econ Entomol 57(1):173-174
Feb 1964 421 J822
Anesthesia, Bidrin, Tepp, Toxicology.

11255-68
FLAVOR EVALUATIONS OF MEAT FROM RUELENE-TREATED ANIMALS.
J L Brogden E H Dawson
J Econ Entomol 58(1):169
Feb 1965 421 J822
Beef cattle, Meat, Ruelene, Taste.

11256-68
EFFECTIVENESS OF PERSISTENCE OF INSECTICIDES APPLIED DURING THE SUMMER MONTHS TO CONTROL ORIENTAL FRUIT MOTH ON PEACH.
M H Brunson I Koblitsky R D Chisolm
J Econ Entomol 55(5):728-733, TABS
Oct 1962 421 J822
Grapholitha molesta, Insecticides, Peaches, Seasonal application.

11257-68
SCREENING OF FUMIGANTS FOR TOXICITY TO EGGS AND LARVAE OF THE ORIENTAL FRUIT FLY AND MEDITERRANEAN FRUIT FLY.
A K Burditt Jr F G Hinman J W Balock
J Econ Entomol 56(3):261-265
Jun 1963 421 J822
Ceratitis capitata, Dacus dorsalis, Fumigants, Insect eggs, Larvae.

11258-68
CONTROL OF THE BOLL WEEVIL WITH TECHNICAL MALATHION APPLIED BY AIRCRAFT.
E D Burgess
J Econ Entomol 58(3):414-415,
Jun 1965 421 J822
Anthonomus grandis, Insecticide application, Malathion.

11259-68
THE TOXICITY OF MALATHION AND FENTHION TO DERMESTID LARVAE AS INFLUENCED BY VARIOUS STAGES.
W E Burkholder R J Dicke
J Econ Entomol 59(2):253-254
Apr 1966 421 J822
Dermestidae, Fenthion, Malathion, Stored products.

11260-68
REACTION OF CERTAIN PHOSPHOROTHIONATE INSECTICIDES WITH ALCOHOLS AND POTENTIATION BY BREAKDOWN PRODUCTS.
J E Casida D M Sanderson
J Agr Food Chem 11(1):91-96, BIBL. 96, TABS.
Jan 1963 381 J8223
Alcohols, Insecticides, Phosphorothionates.

11261-68
LABORATORY EVALUATION OF INSECTICIDES AGAINST THE CIGARETTE BEETLE.
D P Childs
J Econ Entomol 59(4):846-849, TABS.
Aug 1966 421 J822
American Cyanamid 47300, Bromodan, Carbaryl, Ddt, Dichlorvos, Fenthion, Geigy 12968, Lindane, Malathion, Pyrethrum-piperonyl butoxide, Shell SD-9020, Shell SD-9098, Velsicol 1-bromochlordene.

11262-68
PERSISTENCE AND DEGRADATION OF HEPTACHLOR IN SOME SOILS.
N M Chopra
J Econ Entomol 59(2):326-330, TABS.

60 11263-68

Apr 1966 421 J822
Heptachlor, Heptachlor epoxide, Soil consistency.

11263-68
TOXICOLOGY OF BENZALKONIUM CHLORIDE GIVEN ORALLY IN MILK AND WATER TO RATS AND DOGS.
F Coulston H P Drewbeck Z L Mielens P J Garvin Jr
Toxicol Appl Pharmacol 3(5):584-594
Sep 1961 391.8 T662
Toxicology.

11264-68
ACUTE TOXICITY OF MALONALDEHYDE.
D L Crawford E C Sinnhuber P M Stout J E Oldfield J Kaufmes
Toxicol Appl Pharmacol 7(6):826-832, BIBL. 831-832, TABS.
Nov 1965 391.8 T662
Lethal dose, Malonaldehyde, Tetraethoxypropane, Toxicology.

11265-68
ACTIVATION OF ORGANOPHOSPHORUS INSECTICIDES BY RAT LIVER MICROSOMES.
P A Dahm E P Kopecky C B Walker
Toxicol Appl Pharmacol 4(6):683-696, BIBL. 695-696, TABS.
Nov 1962 391.8 T662
Cholinesterases, Insecticides, Microsomes, Organophosphorus compounds, Phosphates, Phosphorus, Rats.

11266-68
AN EVALUATION OF THE EFFECTIVENESS OF NINE INSECTICIDES AGAINST VEGETABLE PESTS.
R G Dent L P Ditman
J Econ Entomol 57(1):177-178
Feb 1964 421 J822
Dimetilan, Insecticides, Vegetable pests.

11267-68
TESTS WITH SYSTEMIC INSECTICIDES FOR CONTROL OF GASTEROPHILUS LARVAE IN HORSES.
R O Drummond
J Econ Entomol 56(1):50-52
Feb 1963 421 J822
Horses, Larvae, Oestridae, Systemic insecticides.

11268-68
ACUTE TOXICITY AND ANTICHOLINESTERASE ACTION OF O,O-DIETHYL O-P-(METHYLSULFINYL)PHENYL PHOSPHOROTHIOATE (DMSP) AND SOME RELATED COMPOUNDS.
K P DuBois E Kinoshita
Toxicol Appl Pharmacol 6(1):78-85, TABS.
Jan 1964 391.8 T662
Cholinesterases, DMSP, Toxicology.

11269-68
ASSIMILATION AND TRANSFER OF MIREX IN COLONIES OF TEXAS LEAF-CUTTING ANTS.
H W Echols
J Econ Entomol 59(6):1336-1338
Dec 1966 421 J822
Chemical control (insects), Mirex, Mosaic (cucumbers), Virus y (potatoes).

11270-68
THE COMPARATIVE TOXICITY OF SIX ORGANOPHOSPHORUS INSECTICIDES IN THE RAT.
E F Edson D N Noakes
Toxicol Appl Pharmacol 2(5):523-539
Sep 1960 391.8 T662
Diazinon, Insecticides, Rats, Toxicology.

11271-68
A METHOD TO SCREEN ACARICIDES IN THE FIELD FOR EUROPEAN RED MITE CONTROL.
H Y Forsythe Jr
J Econ Entomol 59(6):1514-1516
Dec 1966 421 J822

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THE COMPARATIVE TOXICITY OF ETHYLENE DIBROMIDE WHEN FED AS FUMIGATED GRAIN AND WHEN ADMINISTERED IN SINGLE DAILY DOSES.
H L Fuller G K Morris
Poultry Sci 42(2):508-514, 8 REFS.
Mar 1963 47.8 AM33P
Chickens, Ethylene dibromide.

11273-68
THALLIUM INTOXICATION.
K Gabriel
Amer Coll Vet Toxicol Proc 13-7, BIBL. 16-17
1963 391.9 AM3
Thallium, Thallous salts, Toxicology.

11274-68
EFFECTS OF LOVO SPRAY ADDITIVES ON THE PERFORMANCE OF LOW-VOLUME SPRAYS OF BACILLUS THURINGIENSIS BERLINER.
Q A Geering J H Lloyd
J Econ Entomol 55(5):786-790, TABS.
Oct 1962 421 J822
Bacillus thuringiensis Berliner, Insect control, Lovo, Spraying, Thuricide.

11275-68
CARBAMATE INSECTICIDES: COMPARATIVE INSECT TOXICITY OF SEVIN, ZECTRAN, AND OTHER NEW MATERIALS.
G P Georghiou R L Metcalf
J Econ Entomol 55(1):125-127, TABS.
Feb 1962 421 J822
Carbaryl, Toxicology, Zectran.

11276-68
THE FATE OF DIELDRIN IN INSECTS.
P H Gerolt
J Econ Entomol 58(5):849-857
Oct 1965 421 J822
Dieldrin, Insects.

11277-68
CONTROL OF THE GRAY GARDEN SLUG WITH BAIT FORMULATIONS OF A CARBAMATE MOLLUSCICIDE.
L W Getzin
J Econ Entomol 58(1):158-159
Feb 1965 421 J822
Baits, Carbamates, Deroceras reticulum, Molluscacides, Slugs.

11278-68
CHLOROPHENOTHANE (DDT) AND GLUTAMINE IN PENTYLENETETRAZULE (CARDIAZOLE) CONVULSIONS IN THE RAT.
A Ghazal
Toxicol Appl Pharmacol 6(6):627-630
Nov 1964 391.8 T662
Chlorophenothane, Ddt, DDA, Glutamine, DDE, Pentylenetetrazole, Rats.

11279-68
PSYCHOPHARMACOLOGIC EFFECTS OF 1-NAPHTHYL N-METHYL CARBAMATE (SEVIN INSECTICIDE) ALONE AND IN COMBINATION WITH SEVERAL THERAPEUTIC AGENTS.
M E Goldberg H E Johnson
Toxicol Appl Pharmacol 6(3):348
May 1964 391.8 T662
Carbaryl, Psychopharmacology, Therapeutics.

11280-68
EFFECTS OF INSECTICIDES ON REPRODUCTION IN THE LABORATORY MOUSE. I. KEPONE.
E F Good G W Ware D F Miller
J Econ Entomol 58(4):754-757, TABS.
Aug 1965 421 J822
Kepone, Mice, Reproduction.

11281-68
LABORATORY EVALUATION OF SEVERAL ORGANOTIN COMPOUNDS AGAINST HELICTHIS SPP.
J B Graves J R Bradley J L Bagent
J Econ Entomol 58(3):583-584, BIBL.
Jun 1965 421 J822
Heliothis, Insecticide resistant insects, Organotin compounds.

11282-68
COMPARISON OF THE TOXICITY TO INSECTS OF CERTAIN INSECTICIDES APPLIED BY CONTACT AND IN THE SOIL.
C E Harris J H Mazurek
J Econ Entomol 57(5):698-702, BIBL. 701-702, TABS.
Oct 1964 421 J822
Dieldrin, Insecticide application, Toxicology.

11283-68
CHEMOSTERILIZATION OF ADULT HORN FLIES.
R L Harris E D Frazar
J Econ Entomol 59(5):1171-1173
Oct 1966 421 J822
Apholate, Aziridinyl benzoquinone, Haematobia, Tepa.

11284-68
CLINICAL EXPERIENCE WITH ARSENICAL HERBICIDES.
W F Harris
Amer Coll Vet Toxicol Proc 33-34
20 Aug 1961 391.9 AM3
Arsenic compounds, Herbicides, Pentachlorophenol.

11285-68
2-PAM FOR PESTICIDE POISONING.
W H Hayes Jr
Agr Chem 19(1):23
Jan 1964 381 AG8
Atropine, DDT, Malathion, Parathion, Pesticides, Poisoning.

11286-68
SOME EFFECTS OF RESERPINE, A TRANQUILIZER, ON THE HOUSE FLY.
S E Hayes
J Econ Entomol 58(4):782-783
Aug 1965 421 J822
Musca domestica, Reserpine, Tranquilizers.

11287-68
EFFECTS OF SOME INSECTICIDES ON THE SURVIVAL, REPRODUCTION, AND GROWTH OF THE LOUISIANA RED CRAWFISH.
R D Hendrick T E Everett H R Cafrey
J Econ Entomol 59(1):188-192
Feb 1966 421 J822
Aldrin.

11288-68
TOXICITY TO THE LOUISIANA RED CRAWFISH OF SOME PESTICIDES USED IN RICE CULTURE.
E D Hendrick T E Everett
J Econ Entomol 58(5):958-961
Oct 1965 421 J822
Aldrin, Methyl parathion.

11289-68
GRANULAR VERSUS SPRAY FORMULATIONS OF ENDRIN FOR CONTROL OF THE SUGARCANE BORER IN LOUISIANA.
S D Hensley W J McCormick
J Econ Entomol 57(2):219-220, TABS.
Apr 1964 421 J822
Diatraea saccharalis, Endrin, Insecticide application, Louisiana.

11290-68
MARINE BIOTOXINS. II. THE EXTRACTION AND PARTIAL PURIFICATION OF CIGUATERA TOXIN FROM LUTJANUS BOHAR (FORSKAL).
D W Hessel
Toxicol Appl Pharmacol 3(5):574-583
Sep 1961 391.8 T662
Biotoxins, Ciguatera, Lutjanus bohar (Forskal).

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LARVAL BEE RESPONSE TO VARIOUS DOSES OF BACILLUS LARVAE SPORES.
T R Heage W C Rothenbuhler
J Econ Entomol 59(1):42-45
Feb 1966 421 J822
Apis mellifera, Bacillus larvae, Larvae.

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TOXICITY OF SODIUM CYANURATE.
H C Hodge E J Panner W L Downs E A Maynard
Toxicol Appl Pharmacol 7(5):667-674
Sep 1965 391.8 T662
Sodium cyanurate, Toxicology.

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MECHANISM OF ACTION OF PESTICIDES: CHEMICAL AND BIOCHEMICAL ANALYSIS OF BRAIN TISSUE PREPARATIONS DURING THE EPILEPTIFORM-LIKE ACTIVITY OF DIELDRIN AND OTHER CEREBRAL CONVULSANTS.
E A Hosein P Proulx
J Agr Food Chem 8(6):428-431, BIBL. 431.
Nov 1960 381 J8223
Analeptics, Brain, Cerebral convulsants, Dieldrin.

11294-68
EFFECT OF FLOUR TREATMENT ON THE SUITABILITY OF BREAD AS FOOD FOR DOGS.
S G Impey T Moore I M Sharman
J Sci Food Agr 12(11):729-732
Nov 1961 382 SO12
Agene, Bread, Canine hysteria, Chlorine dioxide, Dogs, Flour, Food.

11295-68
THE TOXICITY OF SEVERAL DICHLORVOS (DDVP) AND NALED FORMULATIONS TO THE ADULT CONFUSED FLOUR BEETLE.
E G Jay H E Gillenwater P K Harein
J Econ Entomol 57(3):415-416
Jun 1964 421 J822
Dichlorvos, Naled, Toxicology, Tribolium confusum.

11296-68
THE TOXICITY OF DICHLORVOS IN AIR TO ADULT DROSOPHILA MELANOGASTER.
E G Jay P K Harein H B Gillenwater
J Econ Entomol 57(3):413
Jun 1964 421 J822
Dichlorvos, Toxicology.

11297-68
ALLERGENIC AND TOXIC COMPONENTS OF CASTOR BEAN MEAL: REVIEW OF THE LITERATURE AND STUDIES OF THE INACTIVATION OF THESE COMPONENTS.
F P Jenkins
J Sci Food Agr 14(11):773-780, BIBL. 780, TABS.
Nov 1963 382 SO12
Allergens, Animals, Castorbeans, Proteins, Ricin, Seeds, Toxicology, Toxins.

11298-68
TOXICITY OF THE REPOSITORY ANTIMALARIAL COMPOUND CYCLOGUANIL PAMOATE.
D H Kaum J L Schardein R A Fisken O J Sorenson Jr
Toxicol Appl Pharmacol 7(6):781-792, BIBL., TABS., PL.
Nov 1965 391.8 T662
Cycloguanil pamoate, Drug toxicity, Malaria.

11299-68
PROTECTIVE ACTION BY THIOURACIL AGAINST THE ACUTE TOXICITY IN MICE OF O-ETHYL O-(4-NITROPHENYL) PHENYLPHOSPHONOTHIOATE (EPN).
M H Kelemen R L Volle
Toxicol Appl Pharmacol 7(3):418-424
May 1965 391.8 T662
Epn.

11300-68
INSECTICIDE POTENTIATION: EFFECT OF EPN ON IN VIVO METABOLISM OF MALATHION BY THE RAT AND DOG.
J B Knaak R D O'Brien
J Agr Food Chem 8(3):198-203, TABS.
May 1960 381 J8223
Dogs, Epn, Malathion, Metabolism, Rats.

11301-68
ACCIDENTAL EXPOSURE OF DAIRY COWS TO EXCESSIVE AMOUNTS OF DICHLORVOS.
F W Knapp A P Graden
J Econ Entomol 57(5):790-791
Oct 1964 421 J822
Dairy cattle.

11302-68
EFFECTS OF THURICIDE ON THE EYE-SPOTTED BUD MOTH, SPILONOTA OCELLANA.
E Legner E R Oatman
J Econ Entomol 55(5):677-678, TABS.
Oct 1962 421 J822
Spilonota ocellana, Thuricide.

11303-68
ACUTE AND CHRONIC TOXICITY OF DODINE (N-DODECYLGUANIDINE ACETATE).
G Levinskas L B Vidone J J O'Grady B C Shaffer
Toxicol Appl Pharmacol 3(1):127-142
Jan 1961 391.8 T662
Dodine, N-dodecylguandine acetate.

11304-68
ACUTE AND CHRONIC TOXICITY OF PIMARICIN.
G J Levinskas W E Ribelin C B Shaffer
Toxicol Appl Pharmacol 6(3):352
May 1964 391.8 T662
Pimaricin, Toxicology.

11305-68
THE SUSCEPTIBILITY OF LABORATORY-REARED AND FIELD-COLLECTED CULTURES OF TRIBOLIUM CONFUSUM AND T. CASTANEUM TO ETHYLENE DIBROMIDE, HYDROCYANIC ACID, AND METHYL BROMIDE.
D L Lindgreen L E Vincent
J Econ Entomol 58(3):551-555
Jun 1965 421 J822
Ethylene dibromide, Hydrocyanic acid, Insect cultures, Insecticide resistant insects, Methyl bromide.

11306-68
WATER LOSS IN MALATHION-INTOXICATED GERMAN COCKROACHES.
A Mansingh
J Econ Entomol 58(1):162-163
Feb 1965 421 J822
Blattella germanica, Drying, Insects.

60 11307-68

11307-68
TOXICOLOGICAL STUDIES ON THE EGYPTIAN COTTON LEAFWORM, PRODENIA LITURA. VI. POTENTIATION AND ANTAGONISM OF ORGANOPHOSPHORUS AND CARBAMATE INSECTICIDES.
N A Mansour M F Eldefrawi A Toppozada M Zeid
J Econ Entomol 59(2):307-311, TABS.
Apr 1966 421 J822
m-isopropyl-phenyl methyl carbamate, Alabama argillacea, Carbamates, Carbaryl, Larvae, Organophosphorus, Prodenia, Toxicology.

11308-68
SUBACUTE TOXICITY OF TWO CHRYSANTHEMUMIC ACID ESTER: BARTHRIN AND DIMETHRIN.
M S Masri A P Hendrickson A J Cox Jr F DeEds
Toxicol Appl Pharmacol 6(6):716-725, TABS.
Nov 1964 391.8 T662
Barthrin, Chrysanthemumic acid, Dimethrin, Esters, Toxicology.

11309-68
EVALUATION OF LEAD ARSENATE FOR CONTROL OF THE APPLE MAGGOT, RHAGOLETIS POMONELLA, IN NEW BRUNSWICK.
C W Maxwell W T A Neilson F A Wood
J Econ Entomol 56(2):160-161
Apr 1963 421 J822
Apples, Lead arsenate, New Brunswick, Canada, Rhagoletis pomonella.

11310-68
TOXICITY AND PHYSICLOGICAL DISPOSITION OF SODIUM P-N-GLYCOLYLARSANILATE. I.OBSERVATIONS IN THE MOUSE, CAT, RAT, AND MAN.
E W McChesney J C Hoppe J P McAuliff
Toxicol Appl Pharmacol 4(1):14-23, BIBL. 22-23, TABS.
Jan 1962 391.8 T662
Arsanilic acid, Quarcyl.

11311-68
EXCRETION OF 4-AMINO-5-IMIDAZOLECARBOXAMINE BY VARIOUS ANIMAL SPECIES.
A L McGeer E G McGeer A J Wood
Can J Comp Med Vet Sci 25(8):211-212, 8 REFS., 1 TAB.
Aug 1961 41.8 C162
Amino-5-imidazolecarboxamine, 4-, Dogs, Rabbits, Rats, Urine.

11312-68
THE TOXICITY OF INSECTICIDES TO LARVAE OF DIORYCTRIA ABIETELLA IN LABORATORY SCREENING TESTS.
E P Merkel
J Econ Entomol 55(5):682-684
Oct 1962 421 J822
Insecticides, Larvae, Toxicology.

11313-68
ELIMINATION RATE AND EFFECT ON REPRODUCTION OF INGESTED RADIOPHOSPHORUS IN THE BOLL WEEVIL.
N Mitlin A C Bartlett J C Keller
J Econ Entomol 58(1):119-121
Feb 1965 421 J822
Anthonomus grandis, Phosphorus, Radioisotopes, Reproduction.

11314-68
SYSTEMIC INSECTICIDES APPLIED AS A TOPICAL POUR-ON AND AS AN ORAL DRENCH FOR CATTLE GRUB CONTROL.
W W Neel C I Blount W W Kilby
J Econ Entomol 56(1):101-104
Feb 1963 421 J822
Hypoderma, Insecticide application, Systemic insecticides.

11315-68
PHYTOTOXICITY OF PHENYLMERCURY SPRAYS TO WHITE OAK FOLIAGE.
L P Nichols
Plant Dis Rep 45(5):346-347
15 May 1961 1.9 P69P
Anthracnose (white oak), Gnomonia venata, Phenylmercuric acetate, Phytotoxicity.

11316-68
CONTACT TOXICITY OF 13 INSECTICIDES TO CYCLODIENE-SUSCEPTIBLE AND CYCLODIENE-RESISTANT STRAINS OF THE ONION MAGGOT.
H D Niemczyk G Prins
J Econ Entomol 58(6):1074-1076, TABS.
Dec 1965 421 J822
Cyclodiene, Hylemya, Insecticides, Toxicology.

11317-68
THE METABOLISM OF ORALLY ADMINISTERED MALATHION BY A LACTATING COW.
R D O'Brien W C Dauterman R P Niedermeier
J Agr Food Chem 9(1):39-42
Jan 1961 381 J8223
Cattle, Lactation, Malathion.

11318-68
EFFECT OF ARSENIC ON SELENIUM METABOLISM IN RATS.
O E Olson B M Schulte E I Whitehead A W Halverson
J Agr Food Chem 11(6):531-534, TABS.
Nov 1963 381 J8223
Animal metabolism, Arsenic, Feed toxicity, Rats, Selenium.

11319-68
2-(P-TERT-BUTYLPHENOXY)ISOPROPYL 2 CHLOROETHYL SULFITE (ARAMITE). II. CARCINOGENICITY.
B L Oser M Oser
Toxicol Appl Pharmacol 4(1):70-88, TABS.
Jan 1962 391.8 T662
Aramite, Carcinogens.

11320-68
INSECTICIDE-RODENTICIDE TOXICOLOGY:THE ACUTE ORAL TOXICITY IN RATS OF SEVERAL DIET - ARSENIC TRIOXIDE MIXTURES.
E W Packman D D Abbott J W E Harrison
J Agr Food Chem 9(4):271-272
Jul 1961 381 J8223
Arsenic compounds.

11321-68
TOXICITY STUDIES OF DIMETILAN IN BABY CALVES.
J S Palmer L M Hunt J W Danz
J Econ Entomol 57(1):174
Feb 1964 421 J822
Calves, Dimetilan, Toxicology.

11322-68
INFLUENCE OF SOME CYCLODIENE INSECTICIDES ON SOD WEBWORM POPULATIONS.
B C Pass
J Econ Entomol 58(3):586-587
Jun 1965 421 J822
Cyclodiene, Insecticides.

11323-68
EVALUATION OF SEVERAL CARBAMATES IN SPACE SPRAYS ALONE AND WITH PIPERONYL BUTOXIDE.
P G Piquett J H Fales
J Econ Entomol 59(4):1020-1022, TABS.
Aug 1966 421 J822
Carbamates, Dimetilan, Dimetilan, Piperonyl butoxide, Space spraying.

11324-68
PESTICIDES FOR CONTROL OF THE TWO-SPOTTED SPIDER MITE AND THE ONION THRIPS ON POTATOES.
D M Powell
J Econ Entomol 59(6):1535-1536
Dec 1966 421 J822
Acarina, Potatoes, Tetranychus, Thrips, Thysanopter.

11325-68
SOME OBSERVATIONS ON FACTORS AFFECTING THE TOXICITY OF ORGANIC PHOSPHORUS INSECTICIDES UNDER FIELD CONDITIONS.
R D Radeleff
Amer Coll Vet Toxicol Proc 15-17
1964 391.9 AM3
Field data, Insecticides, Organophosphorus insecticides, Phosphorus, Toxicology.

11326-68
THE ACUTE TOXICITY OF RONNEL APPLIED DERMALLY TO CATTLE AND SHEEP.
R D Radeleff J B Jackson LW M Hunt W B Buck M Wrich
J Econ Entomol 56(3):272-274
Jun 1963 421 J822
Cattle, Insecticide application, Ronnel, Sheep, Toxicology.

11327-68
THE USE OF THE COMPLEMENT-FIXATION TEST IN THE STUDY AND DIAGNOSIS OF VIRAL DISEASES IN MAN AND ANIMALS-A REVIEW. III. VESICULAR VIRUSES.
C E Rice
Can J Comp Med Vet Sci 24(7):204-208
Jul 1960 41.8 C162
Complement fixation, Foot-and-mouth disease, Vesicular stomatitis virus.

11328-68
THE USE OF COMPLEMENT-FIXATION TESTS IN THE STUDY AND DIAGNOSIS OF VIRAL DISEASES IN MAN AND ANIMALS-A REVIEW. PART V. THE ARBOVIRUSES.

C E Rice
Can J Comp Med Vet Sci 24(12):352-358, 67 REFS.
Dec 1960 41.8 C162
Arboviruses, Complement fixation, Serodiagnosis.

11329-68
EFFICIENCY OF A RE-FORMED OIL AGAINST CITRUS RED MITE EGGS AND CALIFORNIA RED SCALE.
L A Riehl J P La Due J L Rodriguez
J Econ Entomol 58(5):907-909
Oct 1965 421 J822
Citrus, Coccoidea, Mites, Oils, Re-formed oil, Spraying.

11330-68
STUDIES ON THE TOXICOLOGIC AND PHARMACOLOGIC PROPERTIES OF THIABENDAZOLE.
Harry J Robinson Herbert C Stoerk Otto E Graessle
Toxicol Appl Pharmacol 7(1):53-63
Jan 1965 391.8 T662
Pharmacology, Thiabendazole, Toxicology.

11331-68
TOXICITY OF INSECTICIDES TO CRYPTOPHLEBIA ILLEPIDA (LEPIDOPTERA: EUCOSMIDAE), A PEST OF THE MACADAMIA NUT.
F F Sanchez M Sherman
J Econ Entomol 56(3):362-366
Jun 1963 421 J822
Insect pests, Insecticides, Macadamia nuts, Toxicology.

11332-68
TESTS OF SYSTEMIC INSECTICIDES FOR CONTROL OF INSECT PESTS OF ORNAMENTALS.
J C Schread
J Econ Entomol 59(4):983-984, TABS.
Aug 1966 421 J822
Dimetilan, Insect pests, Shrubs, Systemic insecticides.

11333-68
BLISTER BEETLE DERMATITIS PRODUCED BY EPICAUTA CINEREA (COLEOPTERA: MELOIDAE).
H G Scott
J Econ Entomol 55(1):145-146
Feb 1962 421 J822
Coleoptera, Dermatitis, Epicauta, Meloidae.

11334-68
INSECTICIDE METABOLISM: METABOLISM OF MALATHION BY RAT TISSUE PREPARATIONS AND ITS MODIFICATIONS BY EPN.
F W Soume E D O'Brien
J Agr Food Chem 8(1):36-41, TABS
Jan 1960 381 J8223
Epn, Malathion.

11335-68
INSECTICIDE TOXICITY: EFFECT OF PARATHION AND MALATHION SEPARATELY AND JOINTLY UPON RAT ESTERASES IN VIVO.
F W Soume J E Casida E D O'Brien
J Agr Food Chem 8(1):43-47, TABS.
Jan 1960 381 J8223
Esterases, Insecticide toxicity, Malathion, Parathion, Rats, Toxicology.

11336-68
POTENTIATION OF THE TOXICITY TO INSECTS AND MICE OF PHOSPHOROTHIONATES CONTAINING CARBOXYESTER AND CARBOXYAMIDE GROUPS.
F W Soume E D O'Brien
Toxicol Appl Pharmacol 2(5):495-503
Sep 1960 391.8 T662
Carboxyamides, Carboxyesters, Insects, Mice, Phosphorothionates, Toxicology.

11337-68
THE EFFECTS OF INSECTICIDES ON THE BEHAVIOR OF THE GREEN PEACH APHID AND ITS TRANSMISSION OF POTATO VIRUS Y.
C H Shanks Jr R K Chapman
J Econ Entomol 58(1):79-83
Feb 1965 421 J822
Insect behavior, Insecticides, Myzus persicae, Virus y (potatoes).

11338-68
ACUTE AND SUBACUTE TOXICITY OF INSECTICIDES TO CHICKS.
M Sherman E Ross
Toxicol Appl Pharmacol 3(5):521-533
Sep 1961 391.8 T662
Chicks, Insecticides, Toxicology.

11339-68
SOME VARIATIONS IN RESPONSE OF TWO-SPOTTED SPIDER MITE TO ACARICIDES.
F F Smith R A Fulton A L Boswell
J Econ Entomol 56(2):224-227
Apr 1963 421 J822
Acaricides.

11340-68
ORGANOPHOSPHORUS INSECTICIDES FOR CONTROL OF BROWN DOG TICKS INFESTING HOMES.
B J Smittle G S Burden
J Econ Entomol 56(3):415
Jun 1963 421 J822
Insecticides, Organic compounds, Phosphorus compounds, Rhipicephalus.

11341-68
THE EFFECT OF VITAMIN AND ANTIBIOTIC INJECTION ON EARLY TURKEY POULT GROWTH AND MORTALITY.
D C Snetsinger P E Waibel F J Siccardi B S Pomeroy
Poultry Sci 42(2):538-539, 1 REF.
Mar 1963 47.8 AM33P
Antibiotics, Turkeys, Vitamins.

11342-68
SUSCEPTIBILITY TO CHLORDANE, DIAZINON, NALED, AND MALATHION OF NATURAL POPULATIONS OF BLATTELLA GERMANICA FROM THE FIFTH U. S. ARMY AREA.
R R Stapp
J Econ Entomol 57(3):327-328
Jun 1964 421 J822
Chlordane, Diazinon, Insecticide resistant insects, Malathion, Naled.

11343-68
INSECTICIDE DIPS TO CONTROL GRAPE PHYLLOXERA ON NURSERY STOCK.
A B Stevenson
J Econ Entomol 55(5):804-805
Oct 1962 421 J822
Insecticides, Larvae, Nursery stock (horticulture), Phylloxera vitifoliae.

11344-68
IMPORTED FIRE ANT TOXIC BAIT STUDIES: EVALUATION OF TOXICANTS.
C E Stringer Jr C S Lofgren F J Bartlett
J Econ Entomol 57(6):941-945, TABS.
Dec 1964 421 J822
Insect traps, Latent virus (artichokes), Solenopsis saevissima richteri, Toxicology.

11345-68
CORRELATION BETWEEN LABORATORY AND FIELD DATA ON TESTING INSECTICIDES.
Y P Sun
J Econ Entomol 59(5):1131-1134
Oct 1966 421 J822
Field data, Insecticides, Laboratory data.

11346-68
LABORATORY EXPERIMENTS WITH A NEW GROUP OF ORGANOPHOSPHORUS INSECTICIDES ON SOME AGRICULTURAL INSECTS.
A S Tahori S Sternberg
J Econ Entomol 59(1):196-201
Feb 1966 421 J822
Dichlorvos, Naled, Nerium, Organophosphorus insecticides, Phenyl phosphinates, Trichlorfon.

11347-68
LOW-VOLUME CONCENTRATED SPRAYS APPLIED BY GROUND EQUIPMENT FOR CONTROL OF THE BOLL WEEVIL.
C A Thomas Jr R J Goddard
J Econ Entomol 59(1):114-116
Feb 1966 421 J822
Anthonomus grandis, Malathion, Spraying.

11348-68
TOXICOLOGIC INVESTIGATIONS OF 1,2-DIBROMO-3-CHLOROPROPANE.
T R Torkelson S E Sadek V K Rowe J K Kodama H H Anderson G S Loquvam C H Hine
Toxicol Appl Pharmacol 3(5):545-559
Sep 1965 391.8 T662
Toxicology, 1,2-dibromo-3-chloropropane.

11349-68
CROSS RESISTANCE TO ORGANOPHOSPHORUS COMPOUNDS IN MALATHION- AND DIAZINON-RESISTANT STRAINS OF BLATELLA GERMANICA.
Michael Van Dan Heuval D G Cochran

60 11350-68

J Econ Entcmol 58(5):872-874
Oct 1965 421 J822
Diazinon, Malathion, Organophosphorus compounds.

11350-68
MAMMALIAN TOXICITY AND HISTOPATHOLOGIC EFFECTS OF 2,6-DIBUTYL-4-NITROPHENOL.
D Vesselinovich K P DuBois F W Fitch J Doull
Toxicol Appl Pharmacol 3(6):713-724
Nov 1961 391.8 T662
Histopathology, Mammals, Toxicology, 2,6-dibutyl-4-nitrophenol.

11351-68
THE PENETRATION AND METABOLISM OF C14 - LABELED DDT IN RESISTANT AND SUSCEPTIBLE TOBACCO BUDWORM LARVAE, HELIOTHIS VIRESCENS (F.).
S B Vinson J R Brazzel
J Econ Entcmol 59(3):600-604
Jun 1966 421 J822
Ddt, DDA, Heliothis, Insecticide resistant insects, DDE, Larvae, Metabolism, Radioactive tracers.

11352-68
THALIDOMIDE AS A GROWTH MODIFIER IN THE GERMAN COCKROACH.
W G Waldron R P Smith L A Newlin P H Rice
J Econ Entcmol 59(4):1006-1007
Aug 1966 421 J822
Blattella germanica, Growth factors, Thalidomide, Thalidomide.

11353-68
BLOOD SUGAR LEVELS FOLLOWING ACUTE POISONING WITH PARATHION AND 1-NAPHTHYL N-METHYL CARBAMATE (SEVIN) IN THREE SPECIES.
L R Weiss J Bryant O G Fitzhugh R Rosenthal
Toxicol Appl Pharmacol 6(3):363
May 1964 391.8 T662
Blood sugar, Carbaryl, Parathion, Poisoning.

11354-68
ACUTE AND SUBACUTE TOXICITY OF DIMETHOATE.
B West I Vidone C E Shaffer
Toxicol Appl Pharmacol 3(2):210-223
Mar 1961 391.8 T662
Dimethoate, Toxicology.

11355-68
BLOOD CHOLINESTERASE INHIBITION AFTER DERMAL ABSORPTION OF TWO ORGANOPHOSPHORUS AGENTS.
M W Williams B D Baker R W Covill
Toxicol Appl Pharmacol 4(3):271-275
May 1962 391.8 T662
Absorption, Carbophenothion, Cholinesterases, Methyl trithion, Phosphorus.

11356-68
DETOXICATION OF DIMETILAN IN COCKROACHES AND HOUSE FLIES.
Y U Zubairi
J Econ Entcmol 58(3):403-409, BIBL. 409, TABS.
Jun 1965 421 J822
Blattella germanica, Blattidae, Dimetilan, Insect metabolism, Musca domestica, Periplaneta americana.

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11357-68
TRANSFER OF RESISTANCE TO BLACK SHANK (PHYTOPHTHORA PARASITICIA VAR. NICOTIANAE) FROM NICOTIANA PLUMBAGINIFOLIA TO N. TABACUM.
J L Apple
Phytopathology 52(1):1
Jan 1962 464.8 P56
Black shank (tobacco), Nicotiana plumbaginifolia, Phytophthora parasiticia var. nicotianae, Plant resistance, Tobacco.

11358-68
EXPERIMENTAL EVIDENCE OF PATHOGENICITY FOR THE LOPHODERMIUM ASSOCIATED WITH DEAD NEEDLES OF EASTERN WHITE PINE.
W M Banfield
Phytopathology 52(1):2
Jan 1962 464.8 P56
Lophodermium, Needle cast (pinus), Pinus strobus.

11359-68
PHYSIOLOGY OF SYMPTOM INDUCTION IN PSEUDOMONAS WILT (MOKO) OF BANANA.
C H Beckman W A Brun I W Buddenhagen
Phytopathology 52(1):3
Jan 1962 464.8 P56
Bananas, Wilt (bananas).

11360-68
VARIATION OF MONOBASIDIOSPORE ISOLATES OF FOMES ANNOSUS.
R V Bega F F Hendrix
Phytopathology 52(1):3
Jan 1962 464.8 P56
Fomes annosus, Isolates, Monobasidiospore, Pinus caribaea.

11361-68
VARIATION IN VIRULENCE OF POTATO VIRUS Y STRAINS IN CERTAIN SOLANACEOUS HOSTS.
A P Benson E Siggeirsson
Phytopathology 52(1):3
Jan 1962 464.8 P56
Host indexing (plants), Potatoes, Virus y (potatoes).

11362-68
GAMMA RAY DOSE RESPONSE OF SOME DECAY PATHOGENS.
L Beraha M A Smith W R Wright
Phytopathology 50(6):474-476, PL.
Jun 1960 464.8 P56
Gamma rays, Irradiation, Microorganisms.

11363-68
HOST RANGES OF THREE ISOLATES OF CERCOSPORA AND EFFECTS OF ENVIRONMENT ON PATHOGEN AND DISEASE DEVELOPMENT.
R D Berger E W Hanson
Phytopathology 52(1):3-4
Jan 1962 464.8 P56
Cercospora, Environment, Host indexing (plants).

11364-68
GREENHOUSE INOCULATIONS OF CONIFEROUS SEEDLINGS WITH FOMES ANNOSUS.
J S Boyce Jr
Phytopathology 52(1):4
Jan 1962 464.8 P56
Fungus diseases (plants), Immunization, Pinus, Seedlings.

11365-68
INFLUENCE OF COPPER GRADIENTS ON VARIOUS APPLE LEAF AND TWIG CONSTITUENTS RELATED TO FIRE BLIGHT INCIDENCE.
J W Bushong D Powell P Shaw
Phytopathology 52(1):5
Jan 1962 464.8 P56
Apples, Copper, Fire blight (apples).

11366-68
EFFECTS OF SULFUR DIOXIDE ON THE REDUCTION OF POSTHARVEST DECAY OF LATHAM RED RASPBERRIES.
R A Cappellini A W Stretch G S Walton
Plant Dis Rep 45(4):301-303
15 Apr 1961 1.9 P69P

Botrytis, Cladosporium, Raspberries, Sulfur dioxide.

11367-68
RELATION OF AGE OF LEAF AND VARIETAL RESISTANCE TO BACTERIAL MULTIPLICATION IN CUCUMBER INOCULATED WITH PSEUDOMONAS LACHRYMANS.
J N Chand J C Walker
Phytopathology 54(1):49-50
Jan 1964 464.8 P56
Angular leafspot (cucumbers), Angular leafspot (cucumbers), Cucumbers.

11368-68
FATE OF AMIBEN IN TOMATO PLANTS.
S R Colby G F Warren R S Baker
J Agr Food Chem 12(4):320-321
Jul 1964 381 J8223
Amiben, Plant metabolism, Tomatoes.

11369-68
SAPONINS. II. FRACTIONATION AND PHARMACOLOGICAL PROPERTIES OF LUCERNE SAPONINS. THE POSSIBLE RELATION OF THESE TO BLOAT.
C R Oculson T Davies
J Sci Food Agr 13(1):53-56, BIBL. 56-57
Jan 1962 382 S012
Alfalfa, Bloat, Pharmacology, Saponins.

11370-68
METABOLITES OF 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) IN BEAN PLANTS.
D G Crosby
J Agr Food Chem 12(1):3-6
Jan 1964 381 J8223
Beans, Plant metabolism, 2,4-d.

11371-68
EFFECT OF CAPTAN AND CAPTAN-DIELDRIN ON THE GERMINATION AND YIELD OF WHEAT.
O R Exconde E D Hansing
Phytopathology 50(9):635
Sep 1960 464.8 P56
Captan, Crop yields, Dieldrin, Seed germination, Wheat.

11372-68
EFFECTS OF IONIZING RADIATION ON THE ACID METABOLISM OF APPLES (OOX ORANGE PIPPIN).
S J G Fernandes I D Clarke
J Sci Food Agr 13(1):23-28
Jan 1962 382 S012
Acids, Apples, Ccx orange pippin, Ionization, Plant metabolism, Radiation.

11373-68
PERFECT STAGES OF CERCOSPORA MUSAE IN CENTRAL AMERICA AND FACTORS AFFECTING ASCOSPORE FREQUENCY.
R H Fulton
Phytopathology 52(1):11
Jan 1962 464.8 P56
Central America, Cercospora musae.

11374-68
LEAF SPOTTING OF ILEX CORNUTA FOLLOWING USE OF OVEX.
D I Gill
Plant Dis Rep 45(4):300
15 Apr 1961 1.9 P69P
Leaf spot (Ilex cornuta), Malathion, Ovex, P-chlorophenyl p-chlorobenzenesulfonate.

11375-68
SYNTHESIS DURING THE GERMINATION OF UREDOSPORES OF RUST FUNGI.
D Gottlieb P G Caltrider
Phytopathology 52(1):11
Jan 1962 464.8 P56
Plant physiology, Seed germination, Uredinales.

11376-68
INJURY TO NARCISSUS FROM TREATMENT OF BULBS WITH CERTAIN MERCURY COMPOUNDS.
C J Gould W D McClellan V L Miller
Plant Dis Rep 45(7):508-511
15 Jul 1961 1.9 P69P
Curvularia trifolii, Gladiolus, Narcissus, Phenylmercuric acetate, Florida.

11377-68
THE METABOLISM AND TRANSLOCATION OF 3-AMINO-1,2,4-TRIAZOLE BY CANADA THISTLE.
R A Herrett W P Bagley
J Agr Food Chem 12(1):17-20, TABS.
Jan 1964 381 J8223
Cirsium arvense, Plant metabolism.

11378-68
USE OF ULTRAVIOLET-INDUCED SPORULATION FOR IDENTIFICATION OF PYRENOCHAETA TERRESTRIS.
W M Hess E K Vaughan C M Leach
Phytopathology 54(1):113-114
Jan 1964 464.8 P56
Pyrenochaeta terrestris, Sporulation, Ultraviolet rays.

11379-68
BIOASSAY USING CELLOPHANE TO DETECT FUNGISTATIC ACTIVITY OF COMPOUNDS TRANSLOCATED THROUGH THE VASCULAR SYSTEM OF TREES.
E B Bimelick D Neely
Plant Dis Rep 49(11):949-953
Nov 1965 1.9 P69P
Biological assay, Cellophane, Fungicides, Plant translocation, Trees.

11380-68
EFFECTS OF CALCIUM PANTOTHENATE AND OTHER COMPOUNDS ON INFECTION OF WHEAT BY STEM RUST.
C D Hobbs M C Futrell
Phytopathology 52(1):13-14
Jan 1962 464.8 P56
Pantothenic acid, Stem rust (wheat), Wheat.

11381-68
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A J Latham M B Linn
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